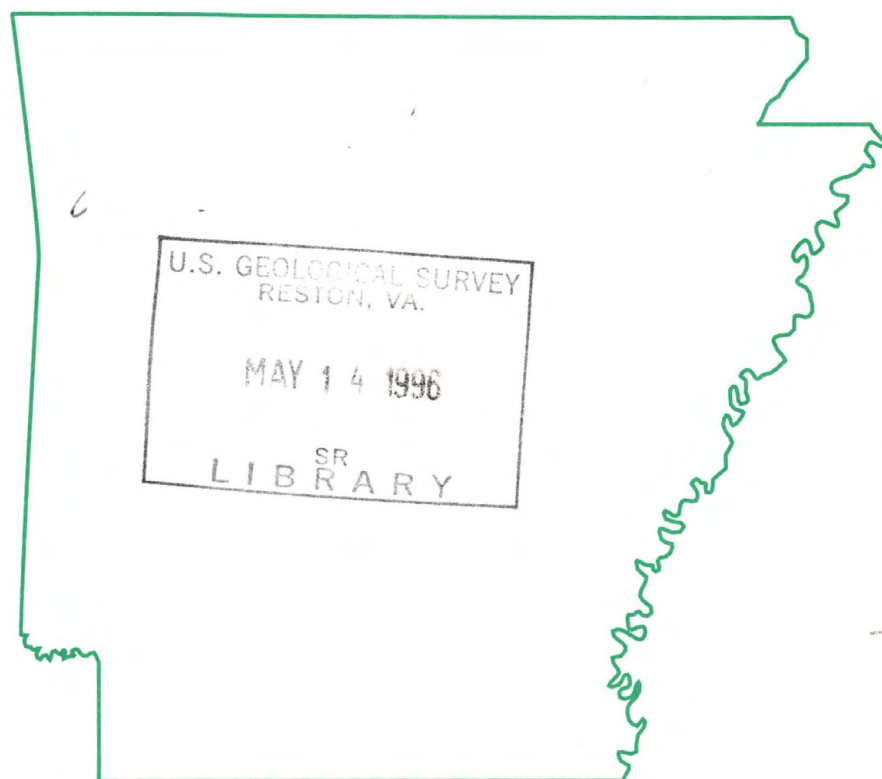


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Water Resources Data Arkansas Water Year 1995



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT AR-95-1
Prepared in cooperation with the State of Arkansas and with other
agencies

CALENDAR FOR WATER YEAR 1995

1994

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1995

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Water Resources Data Arkansas Water Year 1995

by J.E. Porter, D.A. Evans, and A.L. Pugh



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT AR-95-1
Prepared in cooperation with the State of Arkansas and with other
agencies

UNITED STATES DEPARTMENT OF THE INTERIOR

BRUCE BABBITT, Secretary

GEOLOGICAL SURVEY

Gordon P. Eaton, Director

**For information on the water program in Arkansas write to
District Chief, Water Resources Division
U.S. Geological Survey
401 Hardin Road
Little Rock, Arkansas 72211**

1996

PREFACE

This volume of the annual hydrologic data report of Arkansas is one of a series of annual reports that document hydrologic data gathered from the U.S. Geological Survey's surface- and ground-water data collection networks in each State, Puerto Rico, and the Trust Territories. These records of streamflow, ground-water levels, and quality of water provide the hydrologic information needed by local, State, and Federal agencies, and the private sector for developing and managing our Nation's land and water resources.

This report is the culmination of a concerted effort by dedicated personnel of the U.S. Geological Survey who collected, compiled, analyzed, verified, and organized the data, and who typed, edited, and assembled the report. The authors had primary responsibility for assuring that the information contained herein is accurate, complete, and adheres to Geological Survey policy and established guidelines.

The data were collected, computed, and processed by the following personnel:

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In addition, much valuable assistance in data handling and processing was provided by the Information Management Section under the general supervision of John E. Terry.

This report was prepared in cooperation with the State of Arkansas, and with other agencies under the general supervision of E.E. Morris, Assistant District Chief for Hydrologic Surveillance, and Robert A. Lidwin, District Chief, Arkansas.

REPORT DOCUMENTATION PAGE			Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.				
1. AGENCY USE ONLY (Leave blank)		2. REPORT DATE March, 1996		3. REPORT TYPE AND DATES COVERED Annual-October 1, 1994 to September 30, 1995
4. TITLE AND SUBTITLE Water Resources Data--Arkansas, Water Year 1995			5. FUNDING NUMBERS	
6. AUTHOR(S) J.E. Porter, D.A. Evans, and A.L. Pugh				
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) U.S. Geological Survey, Water Resources Division 401 Hardin Road Little Rock, Arkansas 72211			8. PERFORMING ORGANIZATION REPORT NUMBER USGS-WDR-AR-95-1	
9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES) U.S. Geological Survey, Water Resources Division 401 Hardin Road Little Rock, Arkansas 72211			10. SPONSORING / MONITORING AGENCY REPORT NUMBER USGS/WDR-AR-95-1	
11. SUPPLEMENTARY NOTES Prepared in cooperation with the State of Arkansas and with other agencies				
12a. DISTRIBUTION / AVAILABILITY STATEMENT No restriction on distribution. This report may be purchased from: National Technical Information Service, Springfield, Virginia 22161			12b. DISTRIBUTION CODE	
13. ABSTRACT (Maximum 200 words) The Water Resources Division of the U.S. Geological Survey, in cooperation with State, Federal, and other local governmental agencies, obtains a large amount of data pertaining to the water resources of Arkansas each year. These data, accumulated during many water years, constitute a valuable data base for developing an improved understanding of the water resources of the State. Water resources data reported for the 1995 water year for Arkansas consist of records of discharge and water quality (physical measurements and chemical concentrations) of streams; water quality of lakes; and ground-water levels and ground-water quality. Data from selected sites in Missouri and Oklahoma are also included. This report contains daily discharge records for 49 surface-water gaging stations and four daily sediment stations; water quality for 146 surface-water stations, 110 ground-water quality wells and springs, 8 ground-water-level observation wells, and one precipitation-quality station. Also included are data for 102 peak-discharge partial-record stations. Additional water data were collected at various sites, not part of the systematic data-collection program, and are published as miscellaneous measurements. These data represent that part of the National Water Information System operated by the U.S. Geological Survey in cooperation with State and Federal agencies in Arkansas.				
14. SUBJECT TERMS *Arkansas, *Missouri, *Oklahoma, *Hydrologic data, *Surface water, *Ground water, *Water quality, flow rates, Gaging stations, Lakes, Chemical analyses, Sediments, Water temperatures, Sampling sites, Water levels, Water analyses			15. NUMBER OF PAGES	
			16. PRICE CODE	
17. SECURITY CLASSIFICATION OF REPORT Unclassified	18. SECURITY CLASSIFICATION OF THIS PAGE Unclassified	19. SECURITY CLASSIFICATION OF ABSTRACT	20. LIMITATION OF ABSTRACT	

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[Letters after station name designate type of data: (d) discharge; (c) chemical; (b) biological; (m) microbiological; (t) water temperature; (s) sediment; (e) elevation; gage heights, or contents.]

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INTRODUCTION

The Water Resources Division of the U.S. Geological Survey, in cooperation with local, State, and other Federal agencies, obtains a large amount of data pertaining to the water resources of Arkansas each water year (October 1 through September 30). These data, accumulated during many water years, constitute a valuable data base for developing an improved understanding of the water resources of the State. To make these data readily available to interested parties outside the Geological Survey, these data are published annually in this report series entitled "Water Resources Data-Arkansas" and are stored in the U.S. Geological Survey WATSTORE and U.S. Environmental Protection Agency STORET databases.

Water resources data reported for the 1995 water year for Arkansas consist of records of discharge and water quality (physical measurements and chemical concentrations) of streams; water quality of lakes; and ground-water levels and ground-water quality. Data from selected sites in Missouri and Oklahoma are also included. This report contains daily discharge records for 49 surface-water gaging stations and four daily sediment stations; water quality for 146 surface-water stations, 110 ground-water quality wells and springs, 8 ground-water-level observation wells, and one precipitation-quality station. Also included are data for 102 peak-discharge partial-record stations. Additional water data were collected at various sites, not part of the systematic data-collection program, and are published as miscellaneous measurements.

Records of stream discharge or gage height, and contents, volume, or elevation of lakes were first published in a series of U.S. Geological Survey Water-Supply Papers entitled "Surface Water Supply of the United States." Through September 30, 1960, these Water-Supply Papers were in an annual series and for 1961-65 and 1966-70 were in a 5-year series. Records of chemical constituent concentrations, water temperatures, and suspended sediment were published from 1941 to 1970 in an annual series of Water-Supply Papers entitled "Quality of Surface Waters of the United States." Records of ground-water levels were published from 1935 to 1974 in a series of Water-Supply Papers entitled "Ground Water Levels in the United States." Water-Supply Papers may be consulted in the libraries of the principal cities in the United States or may be purchased from U.S. Geological Survey, Earth Science Information Center, Open-File Reports Section, Box 25286 MS 517, Denver Federal Center, Denver, Colorado, 80225.

For water years 1961 through 1974, streamflow data were released by the Geological Survey in annual Water-Data Reports on a State-boundary basis. Water-quality records for water years 1964 through 1974 were similarly released, either in separate Water-Data Reports or in conjunction with streamflow records. Beginning with the 1975 water year, water data for streamflow, water quality, and ground water are published as an annual Water-Data report on a State-boundary basis. These annual Water-Data reports carry an identification number consisting of the two-letter State abbreviation, the last two digits of the water year, and the volume number. For example, this report is identified as U.S. Geological Survey Water-Data Report AR-95-1. Water-Data Reports are for sale in paper copy or on microfiche by the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.

COOPERATION

The Geological Survey and agencies of the State of Arkansas have had cooperative agreements for the systematic collection of surface-water records since 1927, and for collection of ground-water and water-quality records since 1946. Organizations that assisted in collecting information through cooperative agreement with the Geological Survey in water year 1995 are:

Arkansas Department of Pollution Control and Ecology, Randall Mathis, Director.

Arkansas Game and Fish Commission, Steve Wilson, Director.

Arkansas Geological Commission, William Bush, State Geologist.

Arkansas Soil and Water Conservation Commission, J. Randy Young, Director.

Arkansas State Highway and Transportation Department, Maurice Smith, Director.

Little Rock Municipal Water Works, Don C. Morrow, Manager

Assistance in the form of funds or services was provided by the U.S. Army Corps of Engineers, National Weather Service, National Park Service, National Resources Conservation Service, Southwest Power Administration, and Arkansas Power and Light Company in collecting records for some of the gaging stations and water-quality stations published in this report. Organizations that supplied data are acknowledged in station descriptions.

SUMMARY OF HYDROLOGIC CONDITIONS

Surface Water

Streamflow was normal in the south and above normal in the north for the 1995 water year. Runoff for the year at the index station on the Buffalo River near St. Joe, in northern Arkansas, was 209 percent of median for the base period 1961-90. Runoff at the index station on the Saline River near Rye, in southern Arkansas, was 98 percent of median for the base period 1961-90.

Above average rainfall in the north and average rainfall in the south resulted in average to above average runoff over the State during the year. No outstanding floods occurred during the year.

Monthly and annual mean discharge for the 1995 water year, and the median for the monthly and annual mean discharges for the period 1961-90 at the St. Joe and Rye sites are shown on figure 1.

Surface-Water Quality

Arkansas streams provide an abundant supply of water of good quality that is suitable for many uses. Localized stream contamination occurs in some areas of agricultural-chemical use, near large urban areas, and near some industrial areas.

Both point and non-point sources of contamination adversely affect the suitability of surface water for drinking, recreation, and aquatic life. The Mississippi Alluvial Plain in the State is particularly susceptible to non-point source effects due to extensive farming and current agricultural practices.

In the Ozark Plateau, which is experiencing rapid population growth, surface water locally is affected by both point and non-point sources of contamination. Principal point sources are wastewater treatment plants. Principal non-point source contributions are related to animal farming practices. Watersheds where point and non-point source contamination is a major concern are the upper White River and Illinois River.

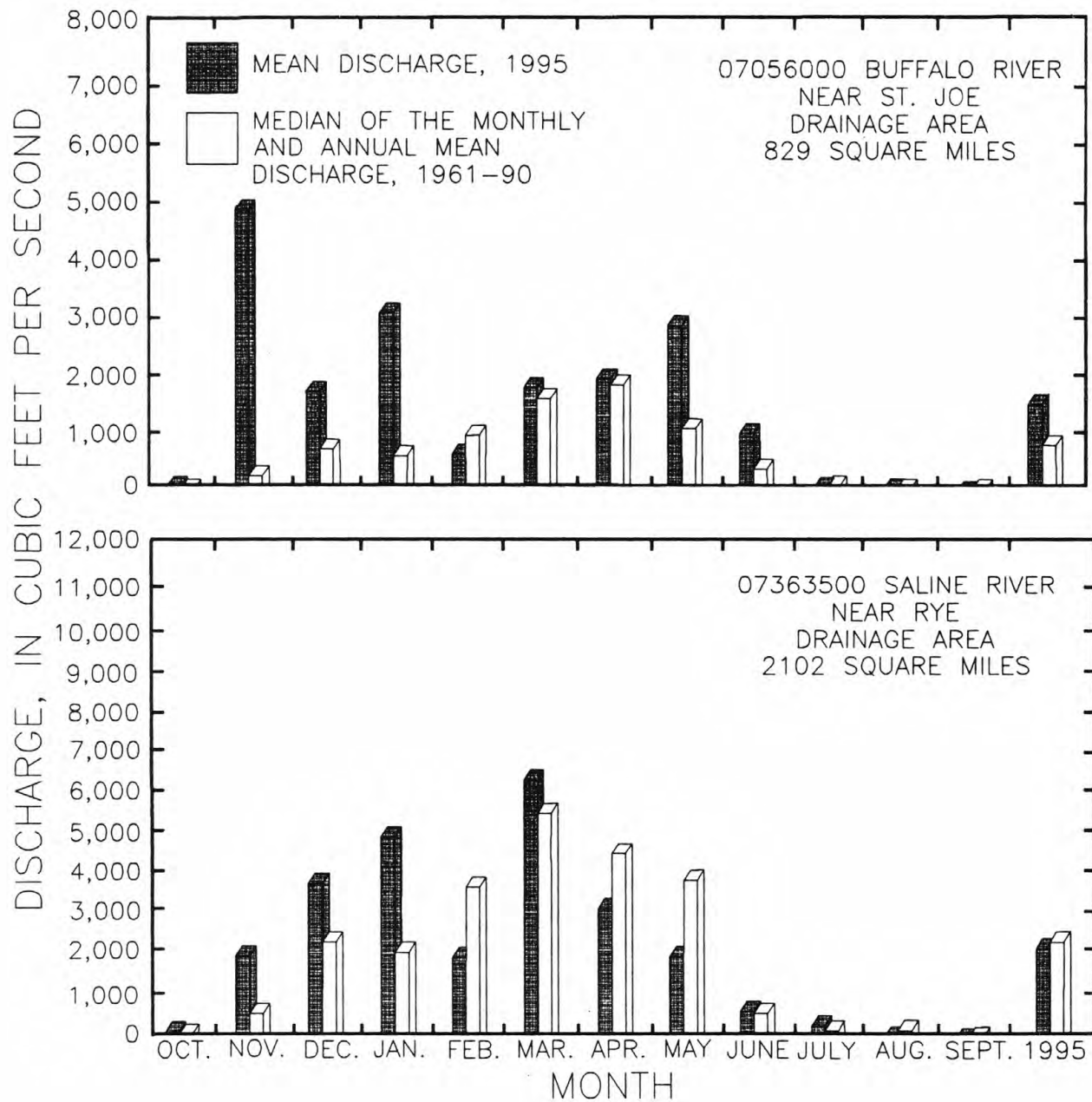


Figure 1.--Comparison of discharge at two representative long-term gaging stations for the 1995 water year with the median of the monthly and annual mean discharges for a 30-year base period

Streams in the West Gulf Coastal Plain of southern Arkansas locally are affected by point sources of contamination, many of which are related to oil and gas production.

Although the Arkansas River and other streams in the Arkansas Valley are affected locally by contaminant sources, they continue to be considered as a source of water for public supply and irrigation. Many of the small streams continue to show effects of coal mining. Municipal and industrial discharges to the Arkansas River may affect its potability, however, upgrading of sewage treatment plants, storage effects of the Arkansas River Navigation System, and tributary dams have moderated the effects of inflowing contaminants.

Concentrations of selected water-quality constituents are listed below for sampling sites on some principal streams in the State. Concentrations of the constituents for the 1994 water year are compared to concentrations for the period of record to indicate changes in water quality.

The highest suspended-sediment concentration found in the selected streams in 1995 was 2,410 mg/L in the L'Anguille River near Colt. Suspended-sediment concentrations, in milligrams per liter, for selected stream sampling sites are presented below.

	1995		Period of Record through 1995	
	Minimum	Maximum	Minimum	Maximum
Right Hand Chute of Little River at Rivervale	50	709	25	1,070
L'Anguille River near Colt	26	2,410	4	2,410
Buffalo River near St. Joe	3	44	1	298
North Sylamore Creek near Fifty Six	2	198	0	198
Arkansas River at David D. Terry Lock and Dam below Little Rock	12	83	2	4,140
Cossatot River near Vandervoort	2	15	0	29
Ouachita River at Camden	15	179	6	639

The highest fecal-coliform bacteria density found in selected streams in 1995 was about 15,000 colonies per 100 ml in Yocum Creek near Oak Grove. Fecal-coliform bacteria densities in colonies per 100 milliliters, for selected stream sampling sites are presented below [K Results based on colony count outside the acceptance range (non ideal colony count)]

	1995		Period of Record through 1995	
	Minimum	Maximum	Minimum	Maximum
L'Anguille River near Colt	K40	1,700	K7	K6,800
Kings River near Berryville	K6	K2,900	<1	3,300
Yocum Creek near Oak Grove	<1	K15,000	<1	K15,000
Buffalo River near St. Joe	<1	5,300	<1	5,300
North Sylamore Creek near Fifty Six	<1	660	<1	1,400
Arkansas River at David D. Terry Lock and Dam below Little Rock	K15	140	<1	K16,000
Cossatot River near Vandervoort	K5	K150	<1	K210
Ouachita River at Camden	K9	150	<1	1,300

The highest dissolved-solids concentration found in selected streams in 1995 was 373 mg/L in the Arkansas River at David D. Terry Lock and Dam, below Little Rock. Dissolved-solids concentrations, in milligrams per liter, for selected sampling sites are presented below.

	1995		Period of Record through 1995	
	Minimum	Maximum	Minimum	Maximum
L'Anguille River near Colt	54	346	46	412
Kings River near Berryville	66	215	66	252
Yocum Creek near Oak Grove	160	204	146	206
Buffalo River near St. Joe	77	149	77	219
North Sylamore Creek near Fifty Six	72	162	72	212
Arkansas River at David D. Terry Lock and Dam below Little Rock	170	373	85	674
Cossatot River near Vandervoort	23	43	5	60
Ouachita River at Camden	44	53	30	193

The highest dissolved chloride concentration found in selected streams in 1995 was 110 mg/L in the Arkansas River at David D. Terry Lock and Dam, below Little Rock. Dissolved chloride concentrations, in milligrams per liter, for selected sampling sites are presented below.

	1995		Period of Record through 1995	
	Minimum	Maximum	Minimum	Maximum
L'Anguille River near Colt	3.7	45	1.9	47
Kings River near Berryville	1.6	16	.8	62
Yocum Creek near Oak Grove	5.1	8.8	4.6	8.8
Buffalo River near St. Joe	1.1	3.1	1.0	31
North Sylamore Creek near Fifty Six	.8	2.2	.3	18
Arkansas River at David D. Terry Lock and Dam below Little Rock	37	110	11	230
Cossatot River near Vandervoort	.9	1.9	.9	4.8
Ouachita River at Camden	3.1	6.1	2.1	79

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The highest total nitrite plus nitrate as nitrogen concentration found in selected streams in 1995 was 3.5 mg/L in the Yocum Creek near Oak Grove. Total nitrite plus nitrate as nitrogen concentrations, in milligrams per liter, for selected sampling sites are presented below.

	1995		Period of Record through 1995	
	Minimum	Maximum	Minimum	Maximum
L'Anguille River near Colt	0.04	0.56	0.03	3.4
Kings River near Berryville	.05	.65	<.02	1.6
Yocum Creek near Oak Grove	2.0	3.5	1.8	3.5
Buffalo River near St. Joe	.05	.19	<.01	.58
North Sylamore Creek near Fifty Six	.05	.25	.01	.73
Arkansas River at David D. Terry Lock and Dam below Little Rock	.20	.50	.01	.79
Cossatot River near Vandervoort	.12	.12	<.05	.12
Ouachita River at Camden	.13	.30	.02	1.0

The highest total phosphorus concentration found in selected streams in 1995 was 0.96 mg/L in the Kings River near Berryville. Total phosphorus concentrations, in milligrams per liter, for selected sampling sites are presented below.

	1995		Period of Record through 1995	
	Minimum	Maximum	Minimum	Maximum
L'Anguille River near Colt	--	--	0.03	1.1
Kings River near Berryville	0.02	0.96	<.01	1.2
Yocum Creek near Oak Grove	.01	.45	<.01	.45
Buffalo River near St. Joe	<.01	.15	<.01	.37
North Sylamore Creek near Fifty Six	<.01	.12	<.01	.34
Arkansas River at David D. Terry Lock and Dam below Little Rock	.03	.12	<.01	.61
Cossatot River near Vandervoort	<.01	.04	<.01	.16
Ouachita River at Camden	.02	.08	<.01	.31

Ground-Water Levels

A majority of the ground-water consumption in Arkansas is from two major aquifers; the Mississippi River Valley alluvial aquifer, hereafter referred to as the alluvial aquifer, and the Sparta-Memphis aquifer. The alluvial aquifer occurs within the Quaternary deposits of the Mississippi Alluvial Plain, which covers approximately the eastern one-third of the State, and is the most productive aquifer within Arkansas. The Sparta-Memphis aquifer occurs within the Sparta and Memphis Sands of the Claiborne Group of Eocene age and is the second most productive aquifer within the State. The Sparta-Memphis aquifer underlies the alluvial aquifer within the Mississippi Alluvial Plain and extends into the West Gulf Coastal Plain in the south-central part of the State. The alluvial aquifer provides a majority of Arkansas' ground-water used for irrigation and fish farming; whereas the Sparta-Memphis aquifer provides most of the ground water for industry and public supply.

The regional potentiometric gradient in the alluvial aquifer is toward the south and southeast from an altitude of approximately 280 feet above sea level in the northeastern part of the State to about 80 feet in the southern part. The natural gradient of the water surface has been interrupted at two locations where large withdrawals for irrigation have created cones of depression. The first cone of depression has become elongated along a northwest to southeast axis, and is located in parts of Lonoke, Prairie, and Arkansas Counties; while the second cone has developed west of Crowleys Ridge in Craighead, Cross, and Poinsett Counties. The deepest water-level measurement in the alluvial aquifer during the spring of 1995 was 125.1 feet below land surface, which occurred in Lonoke County.

The regional potentiometric gradient of the Sparta-Memphis aquifer generally is southeastward except where affected by large withdrawals. Three cones of depression, centered in Columbia, Union, and Jefferson Counties, have developed due to relatively large withdrawals for industrial and public supplies in those areas. Additional large withdrawals in the Grand Prairie region for irrigation have resulted in a northeasterly elongation of the cone centered under Jefferson County. At the center of the cones, spring water levels vary from about 290 feet to more than 475 feet below land surface. The deepest water-level measurement in the Sparta-Memphis aquifer during the spring and summer of 1995 was 485.2 feet below land surface, which occurred in Union County.

DEFINITION OF TERMS

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

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

Algae are mostly aquatic single-celled, colonial, or multicelled plants, containing chlorophyll and lacking roots, stems, and leaves.

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

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

Bacteria are microscopic unicellular organisms, typically spherical, rodlike, or spiral and threadlike in shape, often clumped into colonies. Some bacteria cause disease, others perform an essential role in nature in the recycling of materials; for example, by decomposing organic matter into a form available for reuse by plants.

Escherichia coli (E. coli) also are present in the digestive tract of warm-blooded animals. In the laboratory, *E. coli* is defined as all organisms that produce orange/yellow when incubated for two hours at

35°C $\pm$ 0.2°C and transferred to 44.5° $\pm$ 0.2° for 22-24 hours on mTEC agar (nutrient medium for *E. coli* growth), and strained with phenol red solution. Their concentrations are expressed as number of colonies per 100 mL of sample.

Fecal coliform bacteria are present in the intestines or feces of warm-blooded animals. They are often used as indicators of the sanitary quality of the water. In the laboratory, they are defined as all organisms that produce blue colonies within 24 hours when incubated at 44.5°C $\pm$ 0.2°C on M-FC medium (nutrient medium for fecal coliform bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Fecal streptococcal bacteria also are present in intestines of warm-blooded animals. Their presence in water is considered to verify fecal pollution. They are characterized as gram-positive, cocci bacteria that are capable of growth in brain-heart infusion broth. These bacteria are also defined as all the organisms that produce red or pink colonies within 48 hours at 35°C $\pm$ 0.5°C on KF-streptococcus agar (nutrient medium for fecal streptococcal bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Total coliform bacteria are used as indicators of possible sewage pollution. They are characterized as aerobic or facultative anaerobic, gram-negative, nonspore-forming, rod-shaped bacteria that ferment lactose with gas formation within 48 hours at 35°C $\pm$ 0.5°C on M-Endo medium (nutrient medium for coliform bacterial growth). Their concentrations are expressed as a number of colonies per 100 mL of sample.

Base flow is the stream flow sustained by ground-water discharge.

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

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

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

Cfs-day is the volume of water represented by flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, and approximately equal to 1.98 acre-ft, 646,000 gallons, or 2,450 cubic meters.

Chemical oxygen demand (COD) is a measure of the chemically oxidizable material in the water, and furnishes an approximation of the amount of organic and reducing material present. The determined value may correlate with natural water color or with carbonaceous organic pollution from sewage or industrial wastes.

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

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

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

Control designates a feature downstream from the gage that determines the stage-discharge relation at the gage. This feature may be a natural constriction of the channel, an artificial structure, or a uniform cross section over a long reach of the channel.

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

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

Cubic foot per second (FT³/S, ft³/s) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to approximately 7.48 gallons per second or 448.8 gallons per minute or 0.02832 cubic meters per second.

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

Daily mean discharge is the arithmetic mean of the individual increments of discharge in a day.

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

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

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

Dissolved refers to the material in a representative water sample that passes through a 0.45-micrometer membrane filter. This is a convenient operational definition used by Federal agencies that collect water data. Determinations of "dissolved" constituents are made on subsamples of the filtrate.

Dissolved oxygen (DO) The dissolved oxygen content of water in equilibrium with air is a function of atmospheric pressure and temperature and the dissolved-solids concentration of the water. The ability of water to retain oxygen decreases with increasing temperature or dissolved solids, with small temperature changes having the more significant effect. Photosynthesis and respiration may cause diurnal variations in dissolved-oxygen concentration in water of some streams.

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

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

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

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

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

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

Milligrams per liter (MG/L , mg/L) is a unit expressing the concentration of chemical constituents in solution. Milligrams per liter represents the weight of solute per unit volume of water. Milligrams per liter may be converted to milliequivalents (one thousandth of a gram-equivalent weight of a constituent) per liter by multiplying by the factors in table 1 below. Concentration of suspended sediment also is expressed in milligrams per liter and is based on the weight of sediment per liter of water-sediment mixture.

Table 1.--Chemical constituents conversion factors from milligrams per liter to milliequivalents per liter

Ion	Multiply by	Ion	Multiply by
Aluminum (Al^{+3})*	0.11119	Iodide (I^{-1})	0.00788
Ammonia (as NH_4^{-1})	.05544	Iron (Fe^{+3})*	.05372
Barium (Ba^{+2})	.01456	Lead (Pb^{+2})*	.00965
Bicarbonate (HCO_3^{-1})	.01639	Lithium (Li^{+1})*	.14411
Bromide (Br^{-1})	.01251	Magnesium (Mg^{+2})	.08226
Calcium (Ca^{+2})	.04990	Manganese (Mn^{+2})*	.03640
Carbonate (CO_3^{-2})	.03333	Nickel (Ni^{+2})*	.03406
Chloride (Cl^{-1})	.02821	Nitrate (NO_3^{-1})	.01613
Chromium (Cr^{+6})*	.11539	Nitrite (NO_2^{-1})	.02174
Cobalt (Co^{+2})*	.03394	Phosphate (PO_4^{-3})	.03159
Copper (Cu^{+2})*	.03148	Potassium (K^{+1})	.02557
Cyanide (CN^{-1})	.03844	Sodium (Na^{+1})	.04350
Fluoride (F^{-1})	.05264	Strontium (Sr^{+2})*	.02283
Hydrogen (H^{+1})	.99209	Sulfate (SO_4^{-2})	.02082
Hydroxide (OH^{-1})	.05880	Zinc (Zn^{+2})*	.03060

*Constituents reported in micrograms per liter; multiply by factor and divide results by 1,000.

Nanograms per liter (ng/L) is a unit expressing the concentration of a chemical element as the mass (nanograms) of solute per unit volume (liter) of water. One thousand nanograms per liter is equivalent to 1 microgram per liter.

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

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

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

Total organism count is the total number of organisms collected and enumerated in any particular sample.

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

Particle-size is the diameter, in millimeters (mm), of suspended sediment or bed material determined by either sieve or sedimentation methods. Sedimentation methods (pipet, bottom-withdrawal tube, visual-accumulation tube) determined fall diameter of particles in either distilled water (chemically dispersed) or in native water (the river water at the time and point of sampling).

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

Classification	Size (mm)	Method of analyses
Clay	0.00035 - 0.004	Sedimentation.
Silt	.004 - .062	Sedimentation.
Sand	.062 - 2.0	Sedimentation or sieve.
Gravel	2.0 - 64.0	Sieve.

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

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

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

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

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

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

Blue green algae are a group of phytoplankton organisms having a blue pigment, in addition to the green pigment called chlorophyll. Blue-green algae often cause nuisance conditions in water.

Diatoms are the unicellular or colonial algae having a siliceous shell. Their concentrations are expressed as number of cells per milliliter of sample.

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

Zooplankton form the animal part of the plankton. Zooplankton are capable of extensive movements within the water column, and are often large enough to be seen with the unaided eye. Zooplankton are secondary consumers feeding upon bacteria, phytoplankton, and detritus. Because they are the grazers in the aquatic environment, the zooplankton are a vital part of the aquatic food web. The zooplankton community is dominated by small crustaceans and rotifers.

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

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

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

Sea level refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)--a geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called "Sea Level Datum of 1929."

Sediment is solid material that originates mostly from disintegrated rocks and is transported by, suspended in, or deposited from, water; it includes chemical and biochemical precipitates and decomposed organic material, such as humus. The quantity, characteristics, and cause of the occurrence of sediment in streams are influenced by environmental factors. Some major factors are degree of slope, length of slope, soil characteristics, land usage, and quantity and intensity of precipitation.

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

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

Suspended-sediment concentration is the velocity-weighted concentration of suspended sediment in the sampled zone (from the water surface to a point approximately 0.3 feet above the bed), expressed as milligrams of dry sediment per liter of water-sediment mixture (mg/L).

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

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

Sodium-absorption-ratio (SAR) is the expression of relative activity of sodium ions in exchange reactions with soil and is an index of sodium or alkali hazard to the soil. Water varies, in respect to sodium hazard, from that which can be used for irrigation on almost all soils to that which generally is unsatisfactory for irrigation.

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

Specific conductance is a measure of the ability of a water to conduct an electrical current. It is expressed in microsiemens per centimeter at 25°C. Specific conductance is related to the type and concentration of ions in solution and can be used for approximating the dissolved-solids concentration of the water. Commonly, the concentration of dissolved solids (in milligrams per liter) is about 65 percent of the specific conductance (in microsiemens). This relation is not constant from stream to stream, and it may vary in the same source with changes in the composition of the water.

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

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

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

Suspended, recoverable is the amount of a given constituent that is in solution after the part of a representative water-suspended sediment sample that is retained on a 0.45-micrometer membrane filter has been digested by a method (usually using a dilute-acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all the particulate matter is not achieved by the digestion treatment, and thus the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses, because different digestion procedures are likely to produce different analytical results.

Determinations of "suspended, recoverable" constituents are made either by analyzing parts of the material collected on the filter or, more commonly, by difference, based on determinations of (1) dissolved and (2) total concentrations of the constituent.

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

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

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

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

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

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

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

DOWNSTREAM ORDER AND STATION NUMBER

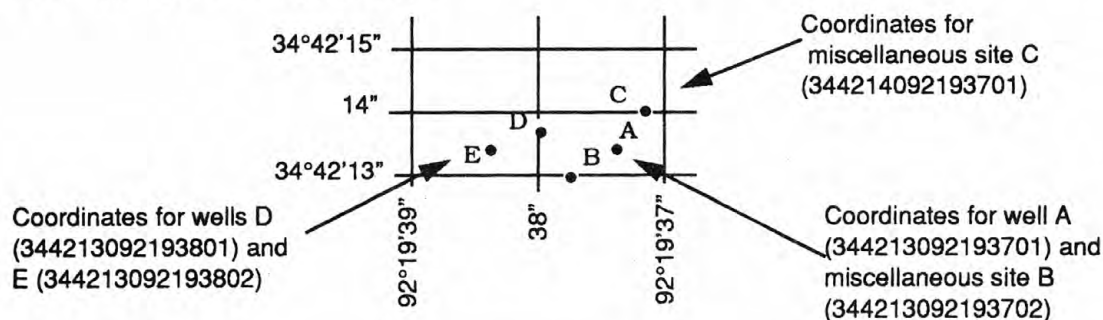
Since October 1, 1950, the order of listing hydrologic-station records in Geological Survey reports is in a downstream direction along the main stream. All stations on a tributary entering upstream from a main-stream station are listed before that station. A station on a tributary that enters between two main-stream stations is listed between them. A similar order is followed in listing stations of first rank, second rank, and other ranks of tributaries. The rank of any tributary on which a station is situated, with respect to the stream to which it is immediately tributary, is indicated by an indentation in the list of stations in the front of the report. Each indentation represents one rank. This downstream order and system of indentation show which stations are on tributaries between any two stations and the rank of the tributary on which each station is situated.

As an added means of identification, each hydrologic station and partial-record station has been assigned a station number. These numbers are in the same downstream order as described in the paragraph above. In assigning station numbers, no distinction is made between partial-record stations and other stations; therefore, the station number for a partial-record station indicates downstream-order position in a list made up of both types of stations. Gaps are left in the series of numbers to allow for new stations that may be established; hence, the numbers are not consecutive. The downstream order number for each station, such as 07060710, which appears just to the left of the station name, includes the two-digit Part number "07" plus the six-digit downstream-order number "060710." This six-digit number can be expanded to 12 digits if necessary because of station density.

NUMBERING SYSTEM FOR WELLS

The well numbering system of the Geological Survey is based on the grid system of latitude and longitude. The system provides the geographic location of the well and a unique number for each site. The number consists of 15-digits. The first six digits denote the degrees, minutes, and seconds of latitude, the next seven digits denote

degrees, minutes, and seconds of longitude, and the last two digits (assigned sequentially) identify the well within a 1-second grid. See diagram below.



SPECIAL NETWORKS AND PROGRAMS

Hydrologic Bench-Mark Network is a network of 53 sites in small drainage basins around the country whose purpose is to provide consistent data on the hydrology, including water quality, and related factors in representative undeveloped watersheds nationwide, and to provide analyses on a continuing basis to compare and contrast conditions observed in basins more obviously affected by the activities of man.

National Stream-Quality Accounting Network (NASQAN) is a data-collection network designed by the Geological Survey to meet many of the information needs of government agencies and other groups involved in national or regional water-quality planning and management. The 142 sites in NASQAN are generally located at the downstream ends of hydrologic accounting units designated by the U.S. Geological Survey Office of Water Data Coordination in consultation with the Water Resources Council. The objectives of NASQAN are (1) to obtain information on the quality and quantity of water moving within and from the United States through a systematic and uniform process of data collection, summarization, analysis, and reporting such that the data may be used for, (2) description of the areal variability of water quality in the Nation's rivers through analysis of data from this and other programs, (3) detection of changes or trends with time in the pattern of occurrence of water-quality characteristics, and (4) providing a nationally consistent data base useful for water-quality assessment and hydrologic research.

NASQAN was redesigned in 1995 and will be known as NASQAN II beginning 1996. NASQAN II will focus on four of the largest river basins in the Nation--the Mississippi, the Columbia, the Colorado, and the Rio Grande. The objective of NASQAN II is to characterize the water quality of these large rivers by measuring concentration and mass transport of a wide range of dissolved and suspended constituents, including nutrients, major ions, dissolved and sediment-bound heavy metals, common pesticides, and inorganic and organic forms of carbon. This information will be used (1) to describe the long-term trends and changes in concentration and transport of these constituents; (2) to test findings of the National Water-Quality Assessment Program (NAWQA); (3) to characterize processes unique to large-river systems such as storage and re-mobilization of sediments and associated contaminants; and (4) to refine existing estimates of off-continent transport of water, sediment, and chemicals for assessing human effects on the world's oceans and for determining global cycles of carbon, nutrients, and other chemicals.

The National Trends Network (NTN) is a 150-station network for sampling atmospheric deposition in the United States. The purpose of the network is to determine the variability, both in location and in time, of the composition of atmospheric deposition, which includes snow, rain, dust particles, aerosols, and gases. The core from which the NTN was built was the already-existing deposition-monitoring network of the National Atmospheric Deposition Program (NADP).

The National Water-Quality Assessment (NAWQA) Program of the U.S. Geological Survey is a long-term program with goals to describe the status and trends of water-quality conditions for a large, diverse, and geographically distributed part of the Nation's ground- and surface-water resources, and to identify, describe, and explain the major natural and human factors that affect these observed conditions and trends.

Assessment activities have begun in about two-thirds of the study units and ultimately will be conducted in 60 study units (major watersheds and aquifer systems) that represent a wide range of environmental settings nationwide and that account for a large percentage of the Nation's water use. A wide array of chemical constituents will be measured in ground water, surface water, streambed sediments, and biological tissues. The coordinated application of comparative hydrologic studies at a wide range of spatial and temporal scales will provide information for decision making by water-resources managers and a foundation for aggregation and comparison of findings to address water-quality issues of regional and national interest.

The Ozark Plateaus NAWQA study unit has been intensively sampling the water resources and ecological indicators of northern Arkansas since 1992. NAWQA data published in this report include: water quality and daily mean discharge for five monthly basic-fixed site surface-water stations for water year 1995; water quality and instantaneous discharge for 11 synoptic surface-water sites in Arkansas and Oklahoma for water years 1994-95; water quality for approximately 110 wells and springs from two land use studies in Arkansas, Oklahoma, and Missouri (water years 1994-95) and a small watershed study in the Flint Creek basin of northern Arkansas sampled in water year 1995. Contact the District Office to obtain additional data related to the various sampling networks of the Ozark Plateaus NAWQA.

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

Tritium network is a network of stations that has been established to provide baseline information on the occurrence of tritium in the Nation's surface waters. In addition to the surface-water stations in the network, tritium data are also obtained at a number of precipitation stations. The purpose of the precipitation stations is to provide an estimate sufficient for hydrologic studies of the tritium input to the United States.

WATER RESOURCES DATA FOR ARKANSAS, 1995
EXPLANATION OF STAGE AND WATER-DISCHARGE RECORDS
Collection and Computation of Data

Daily discharge records were computed and included in this report for 49 stations in Arkansas in 1995. The locations of these stations are shown in figures 2 and 3, pages 28 and 29.

The base data collected at gaging stations consist of records of stage and measurements of discharge of streams or canals, and stage, surface area, and contents of lakes or reservoirs. In addition, observation of factors affecting the stage-discharge relation or the stage-capacity relation, weather records, and other information are used to supplement base data in determining the daily flow or volume of water in storage. Records of stage are obtained from either a continuous reading on a nonrecording gage or from a water-stage recorder that gives either a continuous graph of the fluctuations or stores the data in some form at selected time intervals. Measurements of discharge are made with a current meter, using the general methods adopted by the Geological Survey. These methods are described in standard textbooks, in Water-Supply Paper 2175, and in U.S. Geological Survey Techniques of Water Resources Investigations (TWRI's), Book 3, Chapters A1 through A19 and Book 8, Chapters A2 and B2. The methods are consistent with the American Society for Testing and Materials (ASTM) standards and generally follow the standards of the International Organization for Standards (ISO).

For stream-gaging stations, rating tables giving the discharge for any stage are prepared from stage-discharge relation curves. If extensions to the rating curves are necessary to express discharge greater than measured, they are made on the basis of indirect measurements of peak discharge (such as slope-area or contracted-opening measurements, computation of flow over dams or weirs), stepbackwater techniques, velocity-area studies, and logarithmic plotting. The daily mean discharge is computed from gage heights and rating tables, then the monthly and yearly mean discharges are computed from the daily figures. If the stage-discharge relation is subject to change because of frequent or continual change in the physical features that form the control, the daily-mean discharge is computed by the shifting-control method, in which correction factors based on individual discharge measurements and notes by engineers and observers are used in applying the gage heights to the rating tables. If the stage-discharge relation for a station is temporarily changed by the presence of aquatic growth or debris on the control, the daily mean discharge is computed by what is basically the shifting-control method.

At some stream-gaging stations the stage-discharge relation is affected by backwater from reservoirs, tributary streams, or other sources. Backwater necessitates the use of the slope method in which the slope or fall in a reach of the stream is a factor in computing discharge. The slope or fall is obtained by means of an auxiliary gage set at some distance from the base gage. At some stations the stage-discharge relation is affected by changing stage; at these stations the rate of change in stage is used as a factor in computing discharge.

At some northern stream-gaging stations the stage-discharge relation is affected by ice in the winter, and it becomes impossible to compute the discharge in the usual manner. Discharge for periods of ice effect is computed on the basis of gage-height record and occasional winter discharge measurements. Consideration is given to the available information on temperature and precipitation, notes by gage observers and hydrologists, and comparable records of discharge for other stations in the same or nearby basins.

Data Presentation

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

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

Station Manuscript

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

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

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

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

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

revised; and "(P)" that only peak discharges were revised. If the drainage area has been revised, the report in which the most recently revised figure was first published is given.

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

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

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

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

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

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

Headings for **AVERAGE DISCHARGE, EXTREMES FOR PERIOD OF RECORD, AND EXTREMES FOR CURRENT YEAR** have been deleted, and the information contained in these paragraphs is now presented in the tabular summaries following the discharge table or in the REMARKS paragraph, as appropriate.

Data Table of Daily Mean Values

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

Statistics of Monthly Mean Data

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

Summary Statistics

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Identifying Estimated Daily Discharge

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

Accuracy of Field Data and Computed Results

The accuracy of streamflow data depends primarily on (1) the stability of the stage-discharge relation or, if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge, and interpretations of records.

The station description under "REMARKS" states the degree of accuracy of the records. "Excellent" means that about 95 percent of the daily discharges are within 5 percent; "good," within 10 percent; and "fair," within 15 percent. "Poor" means that daily discharges have less than "fair" accuracy.

Figures of daily mean discharge in this report are shown to the nearest hundredth of a cubic foot per second for discharges of less than 1 ft³/s; to tenths, between 1.0 and 10 ft³/s; to whole numbers, between 10 and 1,000 ft³/s; and to three significant figures, above 1,000 ft³/s. The number of significant figures used is based solely on the magnitude of the figure. The same rounding rules apply to the discharge figures listed for partial-record stations.

Discharge at many stations, as indicated by the monthly mean, may not reflect natural runoff, because of the effects of diversion, consumption, regulation by storage, increase or decrease in evaporation due to artificial causes, or to other factors. For such stations, discharge in cubic feet per second per square mile and runoff in inches are not published unless satisfactory adjustments can be made for diversions, for changes in contents of reservoir, or for other changes incident to use and control. Evaporation from a reservoir is not included in the

adjustments for changes in reservoir contents, unless it is so stated. Even at those stations where adjustments are made, large errors in computed runoff may occur if adjustments or losses are large in comparison with the observed discharge.

Other Data Available

Information of a more detailed nature than that published for most of the gaging stations, such as observations of water temperatures, discharge measurements, gage-height records, and rating tables, is on file in the District Office. Also, most gaging-station records are available in computer-usable form and many statistical analyses have been made. Information on the availability of unpublished data or statistical analyses may be obtained from the District Office.

For some gaging stations, there are periods when no gage-height record is obtained or the recorded gage height is so faulty that it cannot be used to compute daily discharge or contents. Periods of no gage-height record occur when the recorder stops or otherwise fails to operate properly, intakes are plugged, the float is frozen in the well, or for other reasons. For such periods, the daily discharges are estimated on the basis of recorded range in stage, prior and subsequent records, discharge measurements, weather records, and comparison with records for other stations in the same or nearby basins.

The data in this report generally comprise a description of the station and tabulations of daily and monthly figures. For gaging stations on streams or canals, a table showing the daily discharge and monthly and yearly discharge is given. Tables of daily mean gage heights are included for some streamflow stations. Records are published by water year.

EXPLANATION OF SURFACE-WATER QUALITY RECORDS

Collection and Examination of Data

Surface-water samples for analyses usually are collected at or near gaging stations. The water-quality records are given immediately after the water-discharge records for these stations. One hundred forty-six stations are included for 1995. The location of these stations are shown in figures 4 and 5, pages 30 and 31.

The descriptive heading for surface-water-quality records gives the period of record for all water-quality data; the period of daily record for parameters that are measured on a daily basis (specific conductance, pH, dissolved oxygen, water temperature, sediment discharge, etc.); extremes for the period of daily record; extremes for the current year; and general remarks.

Numerical codes have been assigned for agencies collecting and analyzing samples, and are listed in the water-quality tables of this report as follows:

- 300 National Atmospheric Deposition Program/National Trends Network
- 1028 U.S. Geological Survey
- 80513 Arkansas District, WRD, USGS
- 80020 National Water-Quality Laboratory, WRD, USGS
- 17003 Illinois State Water Survey
- 81213 District Water-Quality Laboratory, Ocala, Florida
- 82913 Rolla, Missouri Sediment Lab

The column heading "SAMPLE SOURCE" in the water-quality tables of this report designates the location from which the sample was taken. In this report, two locations are shown; location of the main channel is designated by a 67 sample-source code, and the location of the overbank is designated by a 68 sample-source code.

REVISIONS--If errors in published water-quality records are discovered after publication, appropriate updates are made to the Water-Quality File in the Geological Survey's computerized data system, WATSTORE, and subsequently by monthly transfer of update transactions to the U.S. Environmental Protection Agency's STORET system. Because the usual volume of updates makes it impractical to document individual changes in the State data-report series or elsewhere, potential users of Geological Survey water-quality data are encouraged to obtain all required data from the appropriate computer file to insure the most recent updates.

On-Site Measurements and Sample Collection

In obtaining water-quality data, a major concern needs to be assuring that the data obtained represent the in situ quality of the water. To assure this, certain measurements, such as water temperature, pH, and dissolved oxygen, need to be made on site when the samples are taken. To assure that measurements made in the laboratory also represent the in situ water, carefully prescribed procedures need to be followed in collecting the samples, in treating the samples to prevent changes in quality pending analysis, and in shipping the samples to the laboratory. Procedures for on-site measurements and for collecting, treating, and shipping samples are detailed in the TWRI Book 1, Chapter D2; Book 3, Chapter C2; and Book 5, Chapters A1, A3, and A4. These references are listed in the PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS section of this report. These methods are consistent with ASTM standards and generally follow ISO standards.

One sample can define adequately the water quality at a given time if the mixture of solutes throughout the stream cross section is homogeneous. However, the concentration of solutes at different locations in the cross section may vary widely with different rates of water discharge, depending on the source of material and the turbulence and mixing of the stream. Some streams must be sampled through several vertical sections to obtain a representative sample needed for an accurate mean concentration and for use in calculating load. All samples obtained for the National Stream Quality Accounting Network (see definitions) are obtained from at least several verticals. Whether samples are obtained from the centroid of flow or from several verticals, depends on flow conditions and other factors which must be evaluated by the collector.

Chemical-quality data published in this report are considered to be the most representative values available for the stations listed. The values reported represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis. In the rare case where an

apparent inconsistency exists between a reported pH value and the relative abundance of carbon dioxide species (carbonate and bicarbonate), the inconsistency is the result of a slight uptake of carbon dioxide from the air by the sample between measurement of pH in the field and determination of carbonate and bicarbonate in the laboratory.

For chemical-quality stations equipped with digital monitors, the records consist of daily maximum, minimum, and mean values for each constituent measured and are based upon hourly values beginning at 0100 hours and ending at 2400 hours for the day or record. More detailed records (hourly values) may be obtained from the Geological Survey District Office whose address is given on the back of the title page of this report.

Dissolved Trace-Element Concentrations

Traditionally, dissolved trace-element concentrations have been reported at the microgram per liter ($\mu\text{g/L}$) level. Recent evidence, mostly from large rivers, indicates that actual dissolved-phase concentrations for a number of trace elements are within the range of 10's to 100's of nanograms per liter (ng/L). Data above the $\mu\text{g/L}$ level should be viewed with caution. Such data may actually represent elevated environmental concentrations from natural or human causes; however, these data could reflect contamination introduced during sampling, processing, or analysis. To confidently produce dissolved trace-element data with insignificant contamination, the Geological Survey began using new trace-element protocols at some stations in water year 1994. Full implementation of the protocols will take place during the 1995 water year.

Change in National Trends Network Procedures

Sample handling procedures at all National Trends Network stations were changed substantially on January 11, 1994, in order to reduce contamination from the sample shipping container. The data for samples before and after that date are different and not directly comparable. A tabular summary of the differences based on a special intercomparison study, is available from the NADP/NTN Coordination Office, Colorado State University, Fort Collins, CO 80523 (Telephone: 303-491-5643).

Water Temperature

Water temperatures are measured at most water-quality stations. In addition, water temperatures are taken at time of discharge measurements for water-discharge stations. For stations where water temperatures are taken manually once or twice daily, the water temperatures are taken about the same time each day. Large streams have a small daily temperature change; shallow streams may have a daily range of several degrees and may follow closely the changes in air temperature. Some streams may be affected by waste-heat discharges.

At stations where recording instruments are used, either mean temperatures or maximum and minimum temperatures for each day are published. To convert from degrees Celsius to degrees Fahrenheit or from degrees Fahrenheit to degrees Celsius, use one of these formulae: $^{\circ}\text{C} = 5/9 (^{\circ}\text{F} - 32)$ or $^{\circ}\text{F} = 9/5 ^{\circ}\text{C} + 32$.

Sediment

Suspended-sediment concentrations are determined from samples collected by using depth-integrating samplers or point samplers. Samples usually are obtained at several verticals in the cross section, or a single sample may be obtained at a fixed point and a coefficient applied to determine the mean concentration in the cross section.

During periods of rapidly changing flow or rapidly changing concentration, samples may be collected more frequently (twice daily or, in some instances, hourly). The published sediment discharges for days of rapidly changing flow or concentration were computed by the subdivided-day method (time-discharge weighted average). Therefore, for those days when the published sediment-discharge value differs from the value computed as the product of the discharge multiplied by mean concentration multiplied by 0.0027, the reader can assume that the sediment discharge for that day was computed by the subdivided-day method. For periods when no samples were collected, daily loads of suspended sediment were estimated on the basis of water discharge, sediment concentrations observed immediately before and after the periods, and suspended-sediment loads for other periods of similar discharge. Methods used in the computation of sediment records are described in TWRI Book 3, Chapters C1 and C3. These methods are consistent with ASTM standards and generally follow ISO standards.

At other stations, suspended-sediment samples were collected periodically at many verticals in the stream cross section. Although data collected periodically may represent conditions only at the time of observations, such data are useful in establishing seasonal relations between quality and streamflow in predicting long-term sediment-discharge characteristics of the stream.

In addition to the records of the quantities of suspended sediment, records of the periodic measurements of the particle-size distribution of the suspended sediment and bed material are included.

Laboratory Measurements

Sediment samples, samples for biochemical-oxygen demand (BOD), samples for indicator bacteria, and daily samples for specific conductance are analyzed locally. All other samples are analyzed in the Geological Survey laboratories in Arvada, Colorado or Ocala, Florida as well as other laboratories such as Arkansas Department of Pollution Control and Ecology. Methods used to analyze sediment samples and to compute sediment records are described in the TWRI book 5, Chapter C1. Methods used by the U.S. Geological Survey laboratories are given in the TWRI Book 1, Chapter D2; Book 3, Chapter C2; and Book 5, Chapters A1, A3, A4, and A5. These methods are consistent with ASTM standards and generally follow ISO standards.

Data Presentation

For continuing-record stations, information pertinent to the history of station operation is provided in descriptive headings preceding the tabular data. These descriptive headings give details regarding location, drainage area, period of record, type of data available, instrumentation, general remarks, cooperation, and extremes for parameters currently measured daily.

In the descriptive headings, if the location is identical to that of the discharge gaging station, neither the **LOCATION** nor the **DRAINAGE AREA** statements are repeated. The following information, as appropriate, are provided with each continuous-record station. Comments that follow clarify information presented under the various headings of the station description.

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

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

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

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

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

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

REVISIONS.--If errors in published water-quality records are discovered after publication, appropriate updates are made to the Water-Quality File in the Geological Survey's computerized data system, WATSTORE, and subsequently by monthly transfer of update transactions to the U.S. Environmental Protection Agency's STORET system. Because the usual volume of updates makes it impractical to document individual changes in the State data-report series or elsewhere, potential users of Geological Survey water-quality data are encouraged to obtain all required data from the appropriate computer file to insure the most recent update.

Remarks Codes

The following remark codes may appear with water-quality data:

PRINT OUTPUT REMARK

E	Estimated value
>	Actual value is known to be greater than the value shown
<	Actual value is known to be less than the value shown
<0.00	Due to numeric rounding format; actual value is known to be less than 0.005
K	Results based on colony count outside the acceptance range (non-ideal colony count)

EXPLANATION OF GROUND-WATER LEVEL RECORDS

Records of Ground-Water Levels

The ground-water-level data in this report comprise information for a basic network of observation wells. The water-level measurements are intended to provide a sample and historical record of water-level fluctuations in the State's most productive aquifers.

Data are included for 5 wells in Arkansas (fig. 6, page 504). Wells are measured manually one or more times each year. Each well is identified by means of a 15-digit number that is based on latitude and longitude (see diagram on page 9).

Data Collection and Computation

Measurements of water levels are made in many types of wells and under varying conditions of access and at different temperatures, hence, neither the method of measurement nor the equipment can be standardized, it is determined by conditions at a particular site. However, the equipment and techniques used are those that will insure that measurements at each well are consistent.

Tables of water-level data are presented by counties arranged in alphabetical order. The prime identification number for a given well is the 15-digit number that appears in the upper left corner of the table. The secondary identification number is the local well number, an alphanumeric number derived from the township-range location of the well.

Water-level records are obtained from direct measurements with a steel tape or by a water-stage recorder. The water-level measurements in this report are given in feet with reference to either sea level or land-surface datum (lsd). Land-surface datum is the a datum plane that is approximately at land surface at each well. If known, the elevation of the land-surface datum is given in the well description. The height of the measuring point (MP) above or below land-surface datum is given in each well description. Water levels in wells equipped with recording gages are reported for every fifth day and the end of each month (eom).

Water levels are reported to as many significant figures as can be justified by the local conditions. For example, in a measurement of a depth to water of several hundred feet, the error in determining the depth to water may be a few tenths of a foot. For lesser depths to water, the accuracy is greater. Accordingly, most measurements are reported to a hundredth of a foot, but some are given only to a tenth of a foot or to the nearest foot.

Data Presentation

Each well record consists of the following information:

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

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

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

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

REMARKS.--This entry describes factors that may influence the water level in a well or the measurement of the water level. It may be used to acknowledge the assistance of local (non-Survey) observers.

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

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

EXPLANATION OF GROUND-WATER QUALITY RECORDS

Collection of the Data

In an attempt to detect long-term changes in ground-water quality, a network of 25 monitoring wells has been established. The monitoring wells for sampling ground water were selected from all major aquifers. Each year two or more wells are sampled from large aquifers such as those in the Quaternary alluvium and Sparta Sand. Water samples are collected from all monitoring wells at 5-year intervals. Sampling schedules are staggered so that five or six wells are usually sampled each year. Consequently, a number of chemical analyses are presented for some counties but none are presented for others. As a result, the records for this year, by themselves, do not provide a balanced view of ground-water quality statewide. Such a view can be attained only by considering records for this year in context with similar records obtained for these and other counties in earlier years. In 1995, five wells in the network were sampled.

One of the objectives of the Ozark Plateaus NAWQA study is to determine factors that affect ground-water quality. As part of the study, 115 ground-water samples were collected from 50 springs and 60 domestic wells in the Springfield Plateau aquifer of northwestern Arkansas, western Missouri, and northeastern Oklahoma. Samples were collected from 44 springs and wells in a poultry-dominated agricultural area overlying the Springfield Plateau aquifer and 40 springs and wells in a cattle-dominated agricultural area also overlying the Springfield Plateau aquifer. Ground-water samples were also collected from 18 wells and 4 springs in the Flint Creek Basin of northern Arkansas. Ground-water samples were collected from 3 springs and 1 well in forested areas to determine ambient ground-water quality conditions of the Springfield Plateau aquifer. Samples were analyzed for major ions, silica, nutrients, dissolved organic carbon, tritium, and 88 pesticides and metabolites. Methods of sample collection and analysis were consistent with those of the NAWQA program and are described in U.S. Geological Survey Open-File Report 95-399.

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

Data Presentation

The records of ground-water levels and quality are published in a section titled Ground-Water Levels and Quality of Ground Water. Date for levels and quality of ground water are listed alphabetically by County and are identified by well number. The prime identification number for wells sampled is the 15-digit number derived from the latitude-longitude locations. The well number, depth of well, date of sampling, and other pertinent data are given in the table containing the chemical analyses of the ground water. The REMARKS codes listed for surface-water-quality records are also applicable to ground-water-quality records.

ACCESS TO WATSTORE DATA

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

- Station Header File - Contains descriptive information on more than 440,000 sites throughout the United States and its territories where the Geological Survey collects or has collected data.

- Daily Values File - Contains more than 220 million daily values of stream flows, stages, reservoir contents, water temperatures, specific conductances, sediment concentrations, sediment discharges, and ground-water levels.

- Peak Flow File - Contains approximately 500,000 maximum (peak) streamflow and gage-height values at surface-water sites.

- **Water Quality File** - Contains approximately 2 million analyses of water samples that describe the chemical, physical, biological, and radio-chemical characteristics of both surface and ground water.
- **Ground-Water Site Inventory Data Base** - Contains inventory data for about 55,000 wells, springs, and other sources of ground water. These data include site location, geohydrologic characteristics, well-construction history, and one-time field measurements such as water temperature.

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

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

In addition to providing direct access to WATSTORE, data can be provided in various machine-readable formats on magnetic tape or 5-1/4 inch floppy disks. Information about the availability of specific types of data or products, and user charges, can be obtained locally from each of the Water Resources Division's District Offices (see address on the back of the title page).

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

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

- 1-D1. *Water temperature--influential factors, field measurement, and data presentation*, by H. H. Stevens, Jr., J. F. Ficken, and G. F. Smoot: USGS--TWRI Book 1, Chapter D1. 1975. 65 pages.
- 1-D2. *Guidelines for collection and field analysis of ground-water samples for selected unstable constituents*, by W. W. Wood: USGS--TWRI Book 1, Chapter D2. 1976. 24 pages.
- 2-D1. *Application of surface geophysics to ground-water investigations*, by A. R. Zohdy, G. P. Eaton, and D. R. Mabey: USGS--TWRI Book 2, Chapter D1. 1974. 116 pages.
- 2-D2. *Application of seismic-refraction techniques to hydrologic studies*, by F. P. Haeni: USGS--TWRI Book 2, Chapter D2. 1988. 86 pages.
- 2-E1. *Application of borehole geophysics to water-resources investigations*, by W. S. Keys and L.M. McCary: USGS--TWRI Book 2, Chapter E1. 1971. 126 pages.
- 2-E2. *Borehole geophysics applied to ground-water investigations*, by W. S. Keys: USGS--TWRI Book 2, Chapter E2. 1990. 150 pages.
- 2-F1. *Application of drilling, coring, and sampling techniques to test holes and wells*, by Eugene Shuter and W. E. Teasdale: USGS--TWRI Book 2, Chapter F1. 1989. 97 pages.
- 3-A1. *General field and office procedures for indirect discharge measurements*, by M. A. Benson and Tate Dalrymple: USGS--TWRI Book 3, Chapter A1. 1967. 30 pages.
- 3-A2. *Measurement of peak discharge by the slope-area method*, by Tate Dalrymple and M. A. Benson: USGS--TWRI Book 3, Chapter A2. 1967. 12 pages.
- 3-A3. *Measurement of peak discharge at culverts by indirect methods*, by G. L. Bodhaine: USGS--TWRI Book 3, Chapter A3. 1968. 60 pages.
- 3-A4. *Measurement of peak discharge at width contractions by indirect methods*, by H. F. Matthai: USGS--TWRI Book 3, Chapter A4. 1967. 44 pages.
- 3-A5. *Measurement of peak discharge at dams by indirect methods*, by Harry Hulsing: USGS--TWRI Book 3, Chapter A5. 1967. 29 pages.
- 3-A6. *General procedure for gaging streams*, by R. W. Carter and Jacob Davidian: USGS--TWRI Book 3, Chapter A6. 1968. 13 pages.
- 3-A7. *Stage measurements at gaging stations*, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A7. 1968. 28 pages.
- 3-A8. *Discharge measurements at gaging stations*, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A8. 1969. 65 pages.
- 3-A9. *Measurement of time of travel in streams by dye tracing*, by F. A. Kilpatrick and J. F. Wilson, Jr.: USGS--TWRI Book 3, Chapter A9. 1989. 27 pages.
- 3-A10. *Discharge ratings at gaging stations*, by E. J. Kennedy: USGS--TWRI Book 3, Chapter A10. 1984. 59 pages.
- 3-A11. *Measurement of discharge by moving-boat method*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 3, Chapter A11. 1969. 22 pages.
- 3-A12. *Fluorometric procedures for dye tracing*, by J. F. Wilson, Jr., E. D. Cobb, and F. A. Kilpatrick: USGS--TWRI Book 3, Chapter A12. 1986. 41 pages.
- 3-A13. *Computation of continuous records of streamflow*, by E. J. Kennedy: USGS--TWRI Book 3, Chapter A13. 1983. 53 pages.
- 3-A14. *Use of flumes in measuring discharge*, by F. A. Kilpatrick and V. R. Schneider: USGS--TWRI Book 3, Chapter A14. 1983. 46 pages.
- 3-A15. *Computation of water-surface profiles in open channels*, by Jacob Davidian: USGS--TWRI Book 3, Chapter A15. 1984. 48 pages.

- 3-A16. *Measurement of discharge using tracers*, by F. A. Kilpatrick and E. D. Cobb: USGS--TWRI Book 3, Chapter A16. 1985. 52 pages.
- 3-A17. *Acoustic velocity meter systems*, by Antonius Laenen: USGS--TWRI Book 3, Chapter A17. 1985. 38 pages.
- 3-A18. *Determination of stream reaeration coefficients by use of tracers*, by F. A. Kilpatrick, R. E. Rathburn, Nobuhiro Yotsukura, G. W. Parker, and L. L. DeLong: USGS--TWRI Book 3, Chapter A18. 1989. 52 pages.
- 3-A19. *Levels of streamflow gaging stations*, by E.J. Kennedy: USGS--TWRI Book 3, Chapter A19. 1990. 27 pages.
- 3-A20. *Simulation of soluble waste transport and buildup in surface waters using tracers*, by F.A. Kilpatrick: USGS--TWRI Book 3, Chapter A20. 1993. 38 pages.
- 3-A21. *Stream-gaging cableways*, by C. Russell Wagner: USGS--TWRI Book 3, Chapter A21. 1995. 56 pages
- 3-B1. *Aquifer-test design, observation, and data analysis*, by R. W. Stallman: USGS--TWRI Book 3, Chapter B1. 1971. 26 pages.
- 3-B2. *Introduction to ground-water hydraulics, a programmed text for self-instruction*, by G. D. Bennett: USGS--TWRI Book 3, Chapter B2. 1976. 172 pages.
- 3-B3. *Type curves for selected problems of flow to wells in confined aquifers*, by J. E. Reed: USGS--TWRI Book 3, Chapter B3. 1980. 106 pages.
- 3-B4. *Regression modeling of ground-water flow*, by R. L. Cooley and R. L. Naff: USGS--TWRI Book 3, Chapter B4. 1990. 232 pages.
- 3-B4. *Supplement 1. Regression modeling of ground-water flow - Modifications to the computer code for nonlinear regression solution of steady-state ground-water flow problems*, by R. L. Cooley: USGS--TWRI Book 3, Chapter B4. 1993. 8 pages.
- 3-B5. *Definition of boundary and initial conditions in the analysis of saturated ground-water flow systems--An introduction*, by O. L. Franke, T. E. Reilly, and G. D. Bennett: USGS--TWRI Book 3, Chapter B5. 1987. 15 pages.
- 3-B6. *The principle of superposition and its application in ground-water hydraulics*, by T. E. Reilly, O. L. Franke, and G. D. Bennett: USGS--TWRI Book 3, Chapter B6. 1987. 28 pages.
- 3-B7. *Analytical solutions for one-, two-, and three-dimensional solute transport in ground-water systems with uniform flow*, by E. J. Wexler: USGS--TWRI Book 3, Chapter B7. 1992. 90 pages.
- 3-C1. *Fluvial sediment concepts*, by H. P. Guy: USGS--TWRI Book 3, Chapter C1. 1970. 55 pages.
- 3-C2. *Field methods for measurement of fluvial sediment*, by H. P. Guy and V. W. Norman: USGS--TWRI Book 3, Chapter C2. 1970. 59 pages.
- 3-C3. *Computation of fluvial-sediment discharge*, by George Porterfield: USGS--TWRI Book 3, Chapter C3. 1972. 66 pages.
- 4-A1. *Some statistical tools in hydrology*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A1. 1968. 39 pages.
- 4-A2. *Frequency curves*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A2. 1968. 15 pages.
- 4-B1. *Low-flow investigations*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B1. 1972. 18 pages.
- 4-B2. *Storage analyses for water supply*, by H. C. Riggs and C. H. Hardison: USGS--TWRI Book 4, Chapter B2. 1973. 20 pages.
- 4-B3. *Regional analyses of streamflow characteristics*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B3. 1973. 15 pages.
- 4-D1. *Computation of rate and volume of stream depletion by wells*, by C. T. Jenkins: USGS--TWRI Book 4, Chapter D1. 1970. 17 pages.
- 5-A1. *Methods for determination of inorganic substances in water and fluvial sediments*, by M.J. Fishman and L. C. Friedman: USGS--TWRI Book 5, Chapter A1. 1989. 545 pages.
- 5-A2. *Determination of minor elements in water by emission spectroscopy*, by P. R. Barnett and E. C. Mallory, Jr.: USGS--TWRI Book 5, Chapter A2. 1971. 31 pages.
- 5-A3. *Methods for the determination of organic substances in water and fluvial sediments*, edited by R. L. Wershaw, M. J. Fishman, R. R. Grabbe, and L. E. Lowe: USGS--TWRI Book 5, Chapter A3. 1987. 80 pages.
- 5-A4. *Methods for collection and analysis of aquatic biological and microbiological samples*, by L. J. Britton and P. E. Greeson, editors: USGS--TWRI Book 5, Chapter A4. 1989. 363 pages.
- 5-A5. *Methods for determination of radioactive substances in water and fluvial sediments*, by L.L. Thatcher, V. J. Janzer, and K. W. Edwards: USGS--TWRI Book 5, Chapter A5. 1977. 95 pages.

- 5-A6. *Quality assurance practices for the chemical and biological analyses of water and fluvial sediments*, by L. C. Friedman and D. E. Erdmann: USGS--TWRI Book 5, Chapter A6. 1982. 181 pages.
- 5-C1. *Laboratory theory and methods for sediment analysis*, by H. P. Guy: USGS--TWRI Book 5, Chapter C1. 1969. 58 pages.
- 6-A1. *A modular three-dimensional finite-difference ground-water flow model*, by M. G. McDonald and A. W. Harbaugh: USGS--TWRI Book 6, Chapter A1. 1988. 586 pages.
- 6-A2. *Documentation of a computer program to simulate aquifer-system compaction using the modular finite-difference ground-water flow model*, by S. A. Leake and D. E. Prudic: USGS--TWRI Book 6, Chapter A2. 1991. 68 pages.
- 6-A3. *A modular finite-element model (MODFE) for areal and axisymmetric ground-water-flow problems, Part 1: Model Description and User's Manual*, by L. J. Torak: USGS--TWRI Book 6, Chapter A3. 1993. 136 pages.
- 6-A4. *A modular finite-element model (MODFE) for areal and axisymmetric ground-water-flow problems, Part 2: Derivation of finite-element equations and comparisons with analytical solutions*, by R. L. Cooley: USGS--TWRI Book 6, Chapter A4. 1992. 108 pages.
- 6-A5. *A modular finite-element model (MODFE) for areal and axisymmetric ground-water problems, Part 3: Design philosophy and programming details*, by L. J. Torak: USGS--TWRI Book 6, Chapter A5, 1993. 243 pages.
- 7-C1. *Finite difference model for aquifer simulation in two dimensions with results of numerical experiments*, by P. C. Trescott, G. F. Pinder, and S. P. Larson: USGS--TWRI Book 7, Chapter C1. 1976. 116 pages.
- 7-C2. *Computer model of two-dimensional solute transport and dispersion in ground water*, by L. F. Konikow and J. D. Bredehoeft: USGS--TWRI Book 7, Chapter C2. 1978. 90 pages.
- 7-C3. *A model for simulation of flow in singular and interconnected channels*, by R. W. Schaffranek, R. A. Baltzer, and D. E. Goldberg: USGS--TWRI Book 7, Chapter C3. 1981. 110 pages.
- 8-A1. *Methods of measuring water levels in deep wells*, by M. S. Garber and F. C. Koopman: USGS--TWRI Book 8, Chapter A1. 1968. 23 pages.
- 8-A2. *Installation and service manual for U.S. Geological Survey manometers*, by J. D. Craig: USGS--TWRI Book 8, Chapter A2. 1983. 57 pages.
- 8-B2. *Calibration and maintenance of vertical-axis type current meters*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 8, Chapter B2. 1968. 15 pages.

DISCONTINUED GAGING STATIONS

The following continuous-record streamflow stations in Arkansas have been discontinued or converted to partial-record stations. Daily streamflow records were collected and published for the period of record shown for each station.

Station Number	Station name	Drainage area (mi ²)	Period of record
ST. FRANCIS RIVER BASIN			
07047000	St. Francis River floodway near Marked Tree (Dam)	4,644	1934-65
07047500	St. Francis River at Marked Tree	5,148	1934-73
07047810	St. Francis River floodway near Marked Tree	4,651	1965-70
WHITE RIVER BASIN			
07048000	West Fork White River at Greenland	83.1	1945-83
07048500	West Fork White River near Fayetteville	118	1937-45
*07048600	White River near Fayetteville	400	1964-94
*07049000	War Eagle Creek near Hindsville	263	1952-79
07049500	White River near Rogers	1,020	1952-63
*07055000	White River near Flippin	6,081	1928-80
07057000	Buffalo River near Rush	1,096	1928-70
07057250	White River at Shipp's Ferry	8,007	1963-64
07060892	Sullivan Creek at Sandtown	27.2	1990-91, 1993-94
**07061000	White River at Batesville	11,070	1937-58, 1987-94
07068890	Fourche River above Pocahontas	229	1964-70
*07069000	Black River at Pocahontas	4,845	1936-70
07069220	Spring River near Mammoth Springs	280	1988-94
*07069500	Spring River at Imboden	1,183	1936-94
07072000	Eleven Point River near Ravenden Springs	1,134	1930-33, 1936-94
07073000	Strawberry River near Evening Shade	217	1939-79
*07073500	Piney Fork at Evening Shade	99.2	1939-84
*07075000	Middle Fork of Little Red River at Shirley	302	1939-84
*07075300	South Fork Little Red River at Clinton	148	1962-94
*07076000	Little Red River near Heber Springs	1,153	1927-80
*07076750	White River at Georgetown	22,387	1991-94
07076850	Cypress Bayou near Beebe	166	1961-76
07077930	Big Creek near Moro	77.4	1961-70
07077950	Big Creek at Poplar Grove	448	1970-93
07078000	LaGrue Bayou near Stuttgart	176	1935-54
ARKANSAS RIVER BASIN			
07194760	Illinois River near Viney Grove	80.7	1986 1986
07194880	Osage Creek near Cave Springs	34.7	1991-93
07195400	Illinois River near Siloam Springs	509	1980-81, 1986
*07249500	Cove Creek near Lee Creek	35.3	1950-70
*07251000	Frog Bayou near Mountainburg	74.2	1936-61
*07251500	Frog Bayou at Rudy	216	1950-70
*07252000	Mulberry River near Mulberry	373	1938-94
07252500	Sixmile Creek Subwatershed No. 6 near Chismville	4.23	1960-70
07253000	Sixmile Creek at Chismville	24.1	1954-70
07253500	Sixmile Creek near Branch	36.7	1954-70
07254000	Sixmile Creek Subwatershed No. 5 near Chismville	2.76	1960-70
07254500	Sixmile Creek Subwatershed No. 2 near Caulksville	5.81	1960-70
07255000	Sixmile Creek at Caulksville	104	1954-70
07255100	Sixmile Creek near Subwatershed No. 23 near Branch	4.49	1960-70
07255500	Hurricane Creek near Branch	17.2	1954-70
07256000	Hurricane Creek near Caulksville	53	1954-70
*07256500	Spadra Creek at Clarksville	61.1	1952-70
*07257500	Illinois Bayou near Scottsville	241	1948-70
*07258000	Arkansas River at Dardanelle	153670	1937-94
*07258500	Petit Jean River near Booneville	241	1938-84
*07259500	Petit Jean River near Waveland	516	1939-80
*07260000	Dutch Creek at Waltreak	81.4	1945-75

WATER RESOURCES DATA FOR ARKANSAS, 1995
DISCONTINUED GAGING STATIONS--CONTINUED

Station Number	Station name	Drainage area (mi ²)	Period of record
ARKANSAS RIVER BASIN--continued			
*07261500	Fourche LaFave River near Gravelly	410	1939-94
07262500	Fourche LaFave River near Nimrod	684	1936-80
07264500	Bayou Meto near Stuttgart	574	1935-54
RED RIVER BASIN			
*07339500	Rolling Fork near DeQueen	182	1948-80
*07340500	Cossatot River near DeQueen	360	1938-80
*07341000	Saline River near Dierks	121	1938-80
07349430	Bodcau Creek at Stamps	234	1958-70
07356500	South Fork Ouachita River at Mount Ida	64	1949-70
07358000	Ouachita River near Hot Springs	1,405	1922-30
07359700	Caddo River at Glenwood	201	1988
07361000	Little Missouri River near Murfreesboro	380	1928-31, 1937-77
*07362500	Moro Creek near Fordyce	240	1951-83
*07363000	Saline River at Benton	550	1950-79
*07363200	Saline River near Sheridan	1,123	1970-81
07364000	Saline River near Warren	2,476	1928-31, 1937-40
*07365800	Cornie Bayou near Three Creeks	180	1956-87
07365900	Three Creeks near Three Creeks	50.3	1956-71

*Converted to partial-record station

**Converted to stage-only station

DISCONTINUED WATER-QUALITY STATIONS

The following water-quality stations have been discontinued in Arkansas. Continuous daily records of water temperature or sediment and monthly or periodic samples of chemical quality were collected and published for the period of record shown for each station.

Station number	Station name	Type of record	Period of record
MISSISSIPPI RIVER MAIN STEM			
07024181	Mississippi River at Huffman	Chem.	1974-83
07029150	Mississippi River at Barfield	Chem.	1974-83
07032010	Mississippi River at West Memphis	Chem.	1969-70
07047970	Mississippi River at Helena	Chem.	1972-74
07265450	Mississippi River near Arkansas City	Chem.	1974-93
		Sp. Cond.,	1974-81
		Temp.	
07265455	Mississippi River near Greenville, Mississippi	Chem.	1973-74
ST. FRANCIS RIVER BASIN			
07040350	Big Slough Ditch near Paragould	Chem., Sed.	1978-84
07040424	Locust Creek Ditch near Paragould	Chem., Sed.	1978-84
07040428	Eight Mile Ditch near Paragould	Chem., Sed.	1978-84
07040440	Thompson Creek near Lester	Chem., Sed.	1978-81
07040445	Big Bay Ditch near Lester	Chem., Sed.	1978-81
07040500	Cockle Burr Slough Ditch near Black Oak	Chem., Sed.	1978-79
07046500	Big Lake Outlet near Manila	Chem., Sed.	1972-83
07046535	Pemiscot Bayou near Yarbrow	Chem.	1972-74
07047400	Pemiscot Bayou near Dell	Chem.	1974-83
07047500	St. Francis River at Marked Tree	Chem.	1946, 1950-55, 1966-73
07047560	Tyronza River near Dyess	Chem.	1977
07047570	Tyronza Bayou near Dyess	Chem.	1977
07047575	Tyronza River Ditch No. 40 near Chelford	Chem.	1977
07047585	Tyronza River Ditch No. 6 near Lepanto	Chem.	1977
07047590	Tyronza River near Spear Lake	Chem.	1977
07047700	Tyronza River near Twist	Chem.	1974-88
07047800	St Francis River at Parker	Chem.	1973-94
07047882	Straight Slough near Birdeye	Chem., Sed.	1977-84
07047936	L'Anguille River near Cherry Valley	Chem., Sed.	1981-84
07047950	L'Anguille River at Palestine	Chem., Sed.	1978-79, 1981-84
07047968	St. Francis River north of Helena	Chem.	1972-83
WHITE RIVER BASIN			
07048000	West Fork White River at Greenland	Chem.	1946-54, 1956-57, 1959, 1963, 1976-79
07048600	White River near Fayetteville	Chem.	1958, 1976-81
07049695	White River above Busch	Chem., Temp.	1969, 1972-82
07050000	White River at Beaver	Chem.	1945-46, 1948-53, 1974-83
07053700	Lake Taneycomo at Branson, Missouri	Chem.	1977-91
07054471	Bull Shoals Lake below Big Music Creek near Midway fishpens	Chem.	1978-91
07054474	Bull Shoals Lake below Big Music Creek near Midway mouth of cove	Chem.	1978-79, 1982-91
07054535	White River below Bruce Creek near Lakeview	D.O., Temp	1992-93
07055000	White River near Flippin	Chem.	1945-50, 1953, 1979
07055550	Crooked Creek Tributary near Dog Patch	Chem.	1947-59, 1966-82

DISCONTINUED WATER-QUALITY STATIONS--Continued			1974-78
Station number	Station name	Type of record	Period of record
WHITE RIVER BASIN--CONTINUED			
07055600	Crooked Creek at Pyatt	Chem.	1963, 1964,
07055630	White River at Buffalo City	Temp.	1963-64
07055700	Little Buffalo River at Jasper	Temp.	1963-70
07056507	Bear Creek West of Marshall	Chem.	1983-86
07057000	Buffalo River near Rush	Chem.	1946-54, 1958-59, 1961, 1963
07057246	White River near Lone Rock	Temp.	1979-82
07057250	White River at Shipps Ferry	Temp.	1963-64
07060010	North Fork River at Norfork	Chem., Temp.	1974-83
07060660	White River at Sylamore	Temp.	1967-82
07060700	South Sylamore Creek at Allison	Chem.	1957-63, 1987-88, 1992-93
07060839	White River above Lock and Dam 3 near St. James	Temp., D.O.	1989-91
07061000	White River at Batesville	Chem.	1983-86
07061094	White River near Salado	Chem.	1983-86
07061950	Clearwater Lake at Carter Hollow, Missouri	Chem.	1978-91
07061980	Clearwater Lake near Carter Spring on Webb Creek, Missouri	Chem.	1978-91
07068600	Little Black River at Success	Chem., Temp.	1965, 1980-86
07068867	Fourche River near Middlebrook	Chem.	1969-75
07069268	South Fork of Spring River near Moko	Chem.	1972-74
07069500	Spring River at Imboden	Chem.	1945-63, 1966-72, 1976-79
07072000	Eleven Point River near Ravenden Springs	Chem.	1945-60, 1963, 1966, 1972-79
07072500	Black River at Black Rock	Chem.	1946, 1953, 1967-94
07073000	Strawberry River near Evening Shade	Chem.	1946-57, 1979
07073500	Piney Fork at Evening Shade	Chem.	1959, 1979
07074000	Strawberry River near Poughkeepsie	Chem.	1949-60, 1971, 1972, 1979
07074490	Black River at Jacksonport	Chem.	1964, 1974-83
07074491	White River at Jacksonport	Chem.	1983-86
07074595	Village Creek near Walnut Ridge	Chem.	1973-74, 1976-77
07074645	Lick Pond near Alicia	Chem.	1976-77
07074660	Village Creek near Swifton	Chem.	1973-74, 1976-77
07074665	Maple Ditch near Swifton	Chem.	1976-77
07074675	Swan Pond Ditch near Tuckerman	Chem.	1976-77
07074700	Village Creek near Newport	Chem.	1960-61, 1963-64, 1973-74, 1976-77
07074849	White River above Augusta	Temp.	1967-71
07074850	White River near Augusta	Chem.	1954, 1979
07075000	Middle Fork of Little Red River at Shirley	Chem.	1954, 1979
07076200	Little Red River near Wilburn	Chem., Temp.	1968-83
07076500	Little Red River at Pangburn	Temp.	1967-82

WATER RESOURCES DATA FOR ARKANSAS, 1995

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07076750	White River at Georgetown	Temp.	1967-81
DISCONTINUED WATER-QUALITY STATIONS--Continued			
Station number	Station name	Type of record	Period of record
WHITE RIVER BASIN--CONTINUED			
07076620	Little Red River near Searcy	Temp.	1967-82
		Chem.	1984-93
07076634	Little Red River at Judsonia	Chem.	1975-83
07076640	Little Red River near West Point	Temp.	1967-72
07076850	Cypress Bayou near Beebe	Chem.	1976-78
07077000	White River at DeValls Bluff	Temp.	1963-70
07077080	Little Cache River Ditch No. 1 near McDougal	Chem.	1973-75
07077380	Cache River at Egypt	Chem.	1963, 1966, 1976-79
07077400	Cache River near Cash	Chem.	1974-83
07077500	Cache River at Patterson	Sed.	1987-94
07077600	Cache River at Brasfield	Chem.	1974-83
07077750	Bayou Devew near Brasfield	Chem.	1956-57, 1974-83
07077790	Cache River at 100 Yards below Dredging	Chem.	1977-80
07077794	Cache River at Mouth near Clarendon	Chem.	1977-80
07077800	White River at Clarendon	Chem., Temp.	1948-67, 1970-86
07077950	Big Creek at Poplar Grove	Chem.	1972, 1976-79
07077952	Big Creek near Poplar Grove	Chem.	1970-73
07077960	Big Creek near Watkins Corner	Chem.	1974-83
07078120	Little LaGrue Bayou near Stuttgart	Chem.	1954-55
07078285	White River at Arkansas Post Canal near Nady	Chem.	1972-83
ARKANSAS RIVER BASIN			
07188910	Butler Creek near Sulphur Springs	Chem.	1969-93
07195430	Illinois River South of Siloam Springs	Chem.	1972-81
07195800	Flint Creek at Springtown	Chem.	1975-79
07195850	Flint Creek North of Siloam Springs	Chem.	1972-81
07196950	Evansville Creek at Evansville	Chem.	1958-59
07247000	Poteau River at Cauthron	Chem.	1945-61, 1975-79
07247012	Poteau River south of Bates	Chem.	1972-83
07247903	Lee Creek near Natural Dam	Chem.	1972-74
07250000	Lee Creek near Van Buren	Chem.	1951-59, 1972-79
07250550	Arkansas River at James W. Trimble Lock and Dam near Van Buren	Chem., Temp., 1970-92 Sp. Cond	
07252000	Mulberry River near Mulberry	Chem.	1947-59, 1975-79
07252400	Arkansas River at Ozark	Chem.	1962-63, 1965-66
07252500	Sixmile Creek Subwatershed near Chismville	Chem.	1959-67
07256040	Short Mountain Creek west of Paris	Chem.	1987-93
07257000	Big Piney Creek near Dover	Chem.	1951-56
07257500	Illinois Bayou near Scottsville	Chem.	1971-72
07257995	Lake Dardanelle at Dardanelle	Chem.	1966-67
07260500	Petit Jean River at Danville	Chem.	1949-52, 1976-78
07260640	Petit Jean River near Centerville	Chem.	1974-83
07261000	Cadron Creek near Guy	Chem.	1976-78
07261235	East Fork Cadron Creek North of Conway	Chem.	1973
07261250	Cadron Creek west of Conway	Chem.	1955-56, 1973-83
07263010	Fourche LaFave River near Aplin	Chem.	1952-53

WATER RESOURCES DATA FOR ARKANSAS, 1995
DISCONTINUED WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record	Period of record
ARKANSAS RIVER BASIN--CONTINUED			
07263150	Fourche LaFave River near Bigelow	Chem.	1975-83
07263500	Arkansas River at Little Rock	Chem.	1946-69
07263650	Arkansas River at Pine Bluff	Chem.	1963
07263720	Arkansas River near Althelmer	Chem.	1954
07264000	Bayou Meto near Lonoke	Chem.	1968-83
07263750	Arkansas River at Lock and Dam 3 near Swan Lake	Chem.	1974-83
07264050	Bayou Two Prairie near Cabot	Chem.	1975-83
07264500	Bayou Meto near Stuttgart	Chem.	1950-52, 1973-74
07265280	Arkansas River at Pendleton	Chem.	1963
RED RIVER BASIN			
07339500	Rolling Fork near DeQueen	Temp.	1976-79
07339850	Rolling Fork near Horatio	Chem.	1974-83
07340500	Cossatot River near DeQueen	Temp.	1976-79
07340520	Cossatot River near Lockesburg	Chem.	1974-83
07341000	Saline River near Dierks	Temp.	1975-79
07341280	Millwood Lake on Mine Creek near Okay	Chem.	1983-93
07341500	Red River at Fulton	Chem., Temp.	1946-47, 1952-61, 1978-79
07342000	Red River at Garland	Chem.	1976
07344290	Days Creek south of Texarkana	Chem.	1973-74
07344340	Sulphur River near Fort Lynn	Chem.	1975-78
07348615	Bayou Dorcheat near Bussey	Chem.	1973-74
07348680	Crooked Creek at Arkansas-Louisiana State Line	Chem.	1973-74
07349445	Bodcau Creek near Taylor	Chem.	1952, 1973-74
07349453	Wheeler Creek near Arkana	Chem.	1973-74
07349455	Bear Creek near Arkana	Chem.	1973
07349457	Dooley Creek near Arkansas-Louisiana State Line	Chem.	1973
07356150	Ouachita River near Washita	Chem.	1970-72
07356320	Irons Fork Creek near Fannie	Chem.	1970-78
07356500	South Fork Ouachita River at Mount Ida	Chem.	1970-72, 1978
07357500	Lake Ouachita near Hot Springs	Chem.	1970-78
07357501	Ouachita River at Blakely Mountain Dam near Hot Springs	Chem.	1970-83
07357503	Ouachita River at Mountain Pine	Temp.	1979-82
07358501	Ouachita River at Carpenter Dam near Hot Springs	Chem.	1974-86
07359900	DeGray Lake near Arkadelphia	Chem.	1950-52, 1976-78
07359910	Caddo River at DeGray Regulating Dam near Arkadelphia	Chem.	1976-78
07360000	Ouachita River at Arkadelphia	Chem.	1949-70
07360162	Ouachita River near Sparkman	Chem.	1974-83
07360182	Brushy Creek near Ouachita	Chem.	1978-81
07360250	Little Missouri River near Newhope	Chem.	1970-78
07360350	Self Creek near Daisy	Chem.	1970-72, 1976-78
07360500	Lake Greeson near Murfreesboro	Chem.	1970-72, 1976-78
07361022	Prairie Creek at Murfreesboro	Chem.	1984-93
07361025	Prairie Creek near Murfreesboro	Chem.	1984-93
07361500	Antoine River at Antoine	Chem.	1976-79
07361650	Terre Rouge Creek near Prescott	Chem.	1978-79
07361660	Little Missouri River near Whelen Springs	Chem.	1978
07361805	Terre Noir Creek at Vaden	Chem.	1978-79
07362100	Smackover Creek near Smackover	Chem.	1950-52, 1976-81

WATER RESOURCES DATA FOR ARKANSAS, 1995
DISCONTINUED WATER-QUALITY STATIONS--Continued

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Station number	Station name	Type of record	Period of record
RED RIVER BASIN--Continued			
07362200	Smackover Creek near Norphlet	Chem.	1959-60, 1962-68, 1970-72
07362390	Ouachita River at Calion	Chem.	1950-54
07362400	Ouachita River at Lock and Dam 8, near Calion	Chem.	1972-84
07362500	Moro Creek near Fordyce	Chem.	1952-55, 1976-77
07362874	North Fork Saline River near Paron	Chem.	1992
07362878	Dog Creek near Paron	Chem.	1992
07362882	North Fork Saline River northwest of Avilla	Chem.	1992
07362886	Brush Creek below Lake Norrell near Avilla	Chem.	1992
07362890	North Fork Saline River west of Avilla	Chem.	1992
07362894	North Fork Saline River near Congo	Chem.	1992
07363000	Saline River at Benton	Chem.	1950-53, 1975-79
07363080	Saline River near Tull	Chem.	1974-75
07363400	Hurricane Creek near Sheridan	Chem.	1950-55
07363500	Saline River near Rye	Chem.	1947-55, 1958-60, 1968-71, 1976-80
07364020	L'Aigle Creek at Hermitage	Chem.	1980
07364060	Bayou Lapile at Strong	Chem.	1952-55
07364080	Ouachita River near Felsenthal	Chem., Temp.	1950-67, 1971-81
07364088	Coffee Creek near Crossett	Chem.	1973-83
07364150	Bayou Bartholomew near McGehee	Chem.	1960-72, 1976-79
07365900	Three Creeks near Three Creeks	Chem.	1953-55, 1973-74
07366105	Little Cornie Bayou east of Junction City	Chem.	1973-74
07367666	Big Bayou near Jerome	Chem.	1974-81
07367695	LaFourche Bayou near Wilmot	Chem.	1973-74

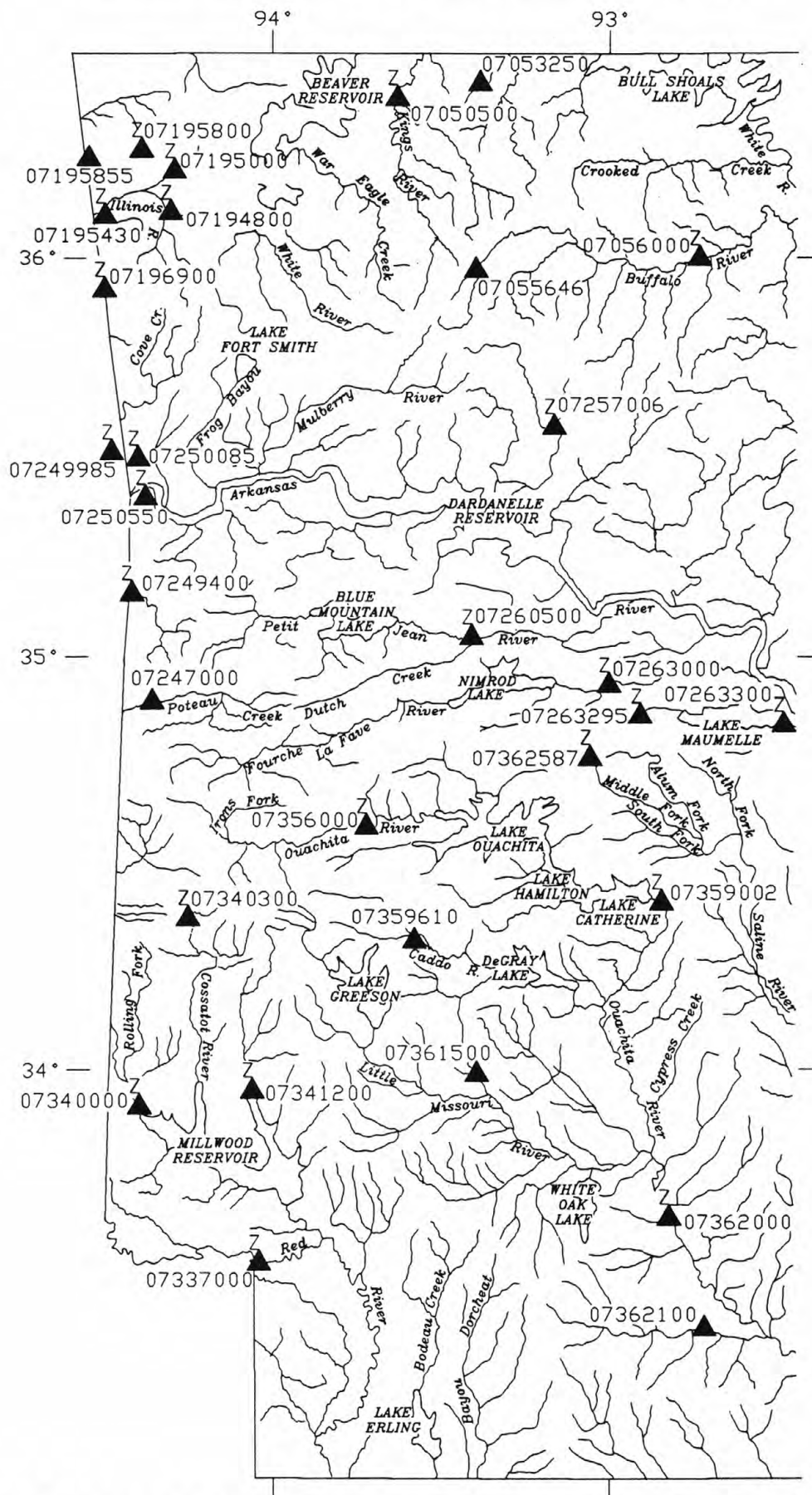


Figure 2.--Locations of continuous-record gaging stations in western Arkansas.

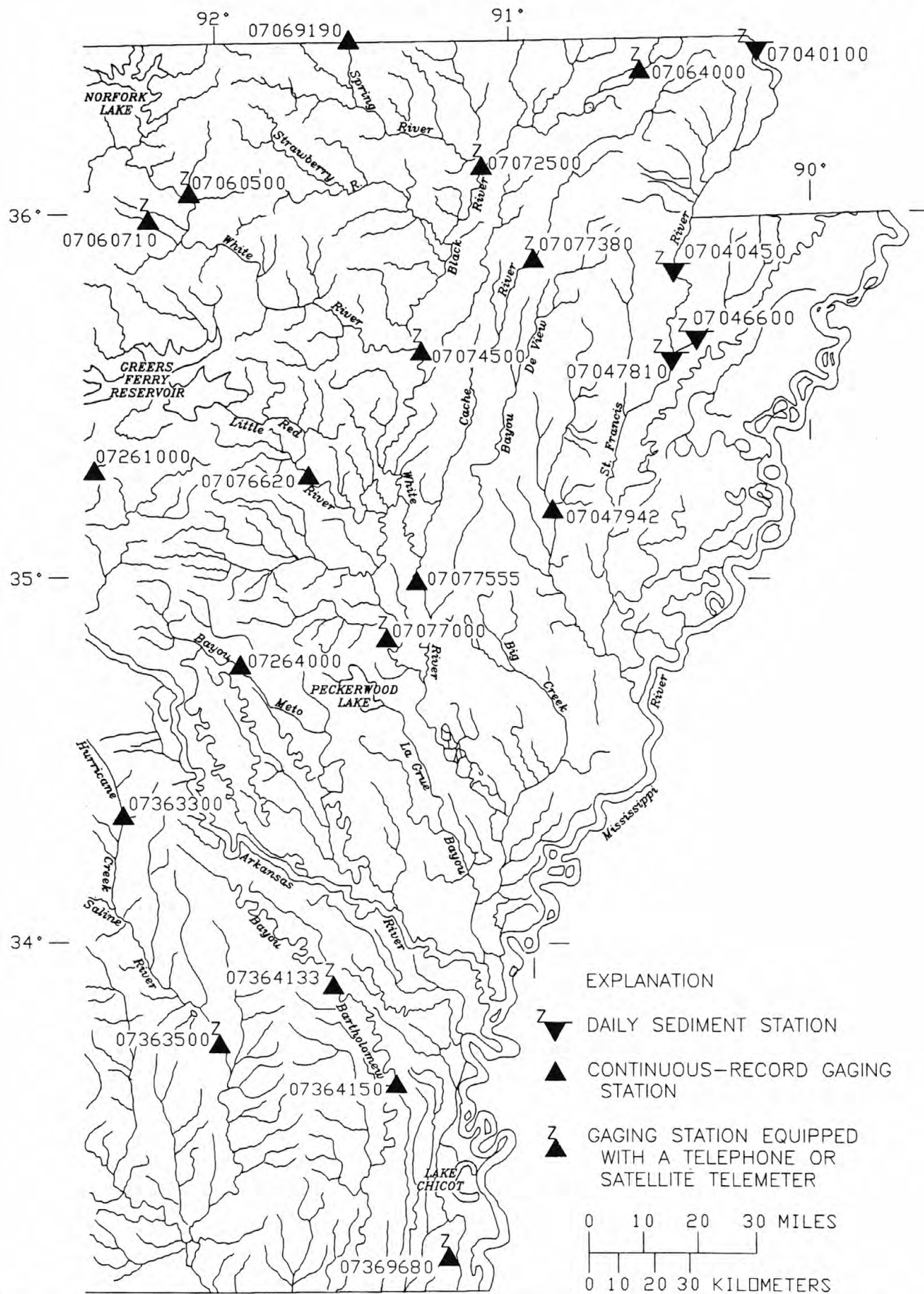


Figure 3.--Locations of continuous-record gaging stations in eastern Arkansas.



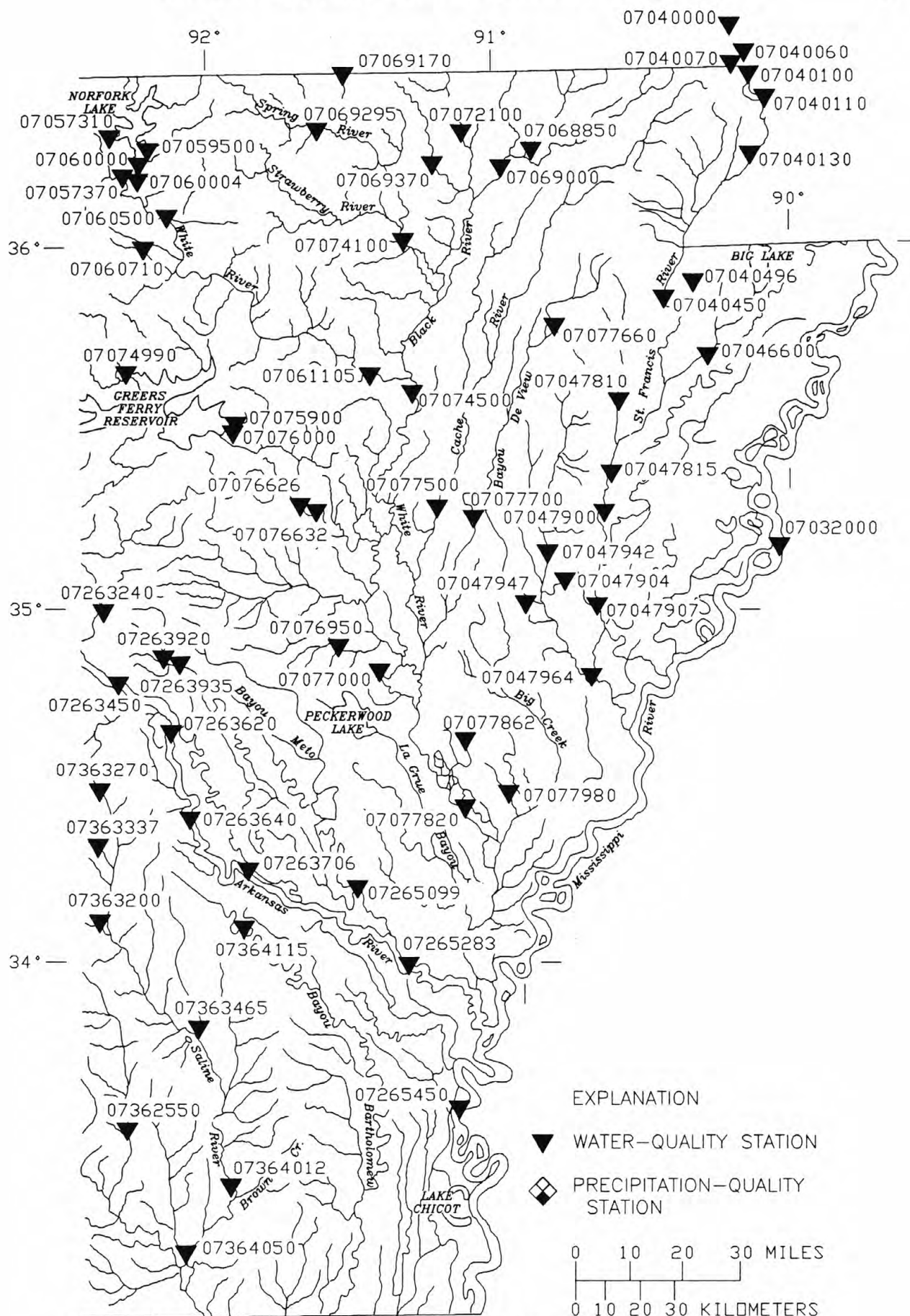


Figure 5.--Locations of water-quality stations in eastern Arkansas.

ST FRANCIS RIVER BASIN

07040000 ST. FRANCIS RIVER AT FISK, MISSOURI

LOCATION.--Lat 36°46'50", long 90°12'08", in NW1/4SW1/4 sec.28, T.24 N., R.8 E., Butler-Stoddard County line, Hydrologic Unit 08020203, at bridge on U.S. Highway 60, at Fisk, Missouri.

PERIOD OF RECORD.--October 1977 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
OCT								
04...	0945	80513	82913	204	297	7.5	20.0	0.15
NOV								
07...	1615	80513	82913	1810	234	7.2	15.0	0.09
DEC								
05...	1425	80513	82913	3200	177	7.1	9.5	0.09
JAN								
05...	1430	80513	82913	1730	210	8.4	4.0	0.15
30...	1610	80513	82913	2820	147	7.3	4.0	0.15
MAR								
06...	1415	80513	82913	2360	213	7.8	5.0	0.09
APR								
04...	1410	80513	82913	322	183	7.7	13.5	0.15
MAY								
01...	1605	80513	82913	344	202	7.5	14.0	0.06
JUN								
26...	1645	80513	82913	1150	187	7.8	25.0	0.12
JUL								
25...	1445	80513	82913	497	190	7.3	28.0	0.30
AUG								
15...	1305	80513	82913	245	295	7.1	28.0	0.15
SEP								
11...	1145	80513	82913	78	307	7.9	31.0	0.09

DATE	TIME	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. FALL DIAM. % FINER THAN .062 MM (70342)	SED. SUSP. FALL DIAM. % FINER THAN .125 MM (70343)	SED. SUSP. FALL DIAM. % FINER THAN .250 MM (70344)
OCT								
04...	0945	7.9	87	58	32	98	98	100
NOV								
07...	1615	9.1	89	435	2130	67	74	98
DEC								
05...	1425	10.8	95	43	372	82	88	100
JAN								
05...	1430	7.9	60	29	135	86	86	100
30...	1610	13.0	99	44	335	77	77	95
MAR								
06...	1415	11.8	94	59	376	88	88	93
APR								
04...	1410	8.7	84	63	55	96	100	--
MAY								
01...	1605	8.8	87	219	203	88	88	98
JUN								
26...	1645	7.3	90	88	273	98	99	100
JUL								
25...	1445	6.8	88	96	129	98	100	--
AUG								
15...	1305	7.4	96	74	49	80	86	100
SEP								
11...	1145	7.1	97	41	8.6	96	96	100

DATE	TIME	SED. SUSP. FALL DIAM. % FINER THAN .500 MM (70345)	BED MAT. FALL DIAM. % FINER THAN .062 MM (80158)	BED MAT. FALL DIAM. % FINER THAN .125 MM (80159)	BED MAT. FALL DIAM. % FINER THAN .250 MM (80160)	BED MAT. FALL DIAM. % FINER THAN .500 MM (80161)	BED MAT. FALL DIAM. % FINER THAN 1.00 MM (80162)	BED MAT. FALL DIAM. % FINER THAN 2.00 MM (80163)
OCT								
04...	0945	--	29	68	99	100	--	--
NOV								
07...	1615	100	5	9	67	95	99	100
DEC								
05...	1425	--	73	90	97	98	100	--
JAN								
05...	1430	--	3	4	23	76	96	100
30...	1610	100	66	79	90	97	100	--
MAR								
06...	1415	100	66	72	88	98	100	--
APR								
04...	1410	--	2	2	55	97	100	--
MAY								
01...	1605	100	3	3	53	91	100	--
JUN								
26...	1645	--	2	2	28	98	100	--
JUL								
25...	1445	--	57	76	96	99	100	--
AUG								
15...	1305	--	1	2	57	97	100	--
SEP								
11...	1145	--	48	58	88	98	100	--

ST FRANCIS RIVER BASIN

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07040060 ST. FRANCIS RIVER NEAR GLENNONVILLE, MISSOURI

LOCATION.--Lat 36°34'22", long 90°11'06", in NE1/4NW1/4 sec.10, T.22 N., R.8 E., Butler-Dunklin County line, Hydrologic Unit 08020203, at bridge on Missouri State Highway 53, 1.7 mi southwest of Glennonville, Missouri.

PERIOD OF RECORD.--October 1977 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER- ATURE WATER (DEG C) (00010)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. FALL DIAM. % FINER THAN .062 MM (70342)
NOV									
07...	1515	80513	82913	4910	17.0	0.09	205	2720	94
DEC									
05...	1335	80513	82913	3200	9.0	0.09	83	717	73
JAN									
05...	1220	80513	82913	2090	4.0	0.12	46	260	81
30...	1520	80513	82913	3300	5.0	0.09	178	1590	63
MAR									
06...	1325	80513	82913	3300	5.0	0.12	84	748	76
APR									
04...	1315	80513	82913	684	14.5	0.12	87	161	86
MAY									
01...	1445	80513	82913	4780	14.0	0.06	1960	25300	94
JUN									
26...	1445	80513	82913	1420	26.0	0.12	148	567	90

DATE	TIME	SED. SUSP. FALL DIAM. % FINER THAN .125 MM (70343)	SED. SUSP. FALL DIAM. % FINER THAN .250 MM (70344)	SED. SUSP. FALL DIAM. % FINER THAN .500 MM (70345)	BED MAT. FALL DIAM. % FINER THAN .062 MM (80158)	BED MAT. FALL DIAM. % FINER THAN .125 MM (80159)	BED MAT. FALL DIAM. % FINER THAN .250 MM (80160)	BED MAT. FALL DIAM. % FINER THAN .500 MM (80161)	BED MAT. FALL DIAM. % FINER THAN 1.00 MM (80162)
NOV									
07...	1515	94	99	100	0	0	75	100	--
DEC									
05...	1335	81	93	100	17	44	97	100	--
JAN									
05...	1220	81	95	100	0	1	73	99	100
30...	1520	71	95	100	52	69	99	100	--
MAR									
06...	1325	82	95	100	20	44	97	100	--
APR									
04...	1315	88	100	--	1	1	44	98	100
MAY									
01...	1445	96	99	100	1	1	65	100	--
JUN									
26...	1445	92	100	--	1	3	75	100	--

ST FRANCIS RIVER BASIN

07040070 WILHELMINA CUTOFF NEAR CAMPBELL, MISSOURI

LOCATION.--Lat 36°30'53", long 90°09'30", in SW1/4SW1/4 sec.25, T.22 N., R.8 E., Dunklin County, Hydrologic Unit 08020203, at bridge on county road 4.7 mi northwest of Campbell, Missouri, off Missouri State Highway 53.

PERIOD OF RECORD.--October 1977 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995 .

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER- ATURE WATER (DEG C) (00010)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. FALL DIAM. % FINER THAN .062 MM (70342)	SED. SUSP. FALL DIAM. % FINER THAN .125 MM (70343)
NOV										
07...	1435	80513	82913	4640	17.0	0.09	191	2390	98	99
DEC										
05...	1300	80513	82913	3630	9.0	0.12	107	1050	60	72
JAN										
05...	1115	80513	82913	2070	4.0	0.15	76	425	55	61
30...	1445	80513	82913	3220	5.5	0.12	96	835	71	81
MAR										
06...	1245	80513	82913	3240	5.0	0.12	99	866	73	78
APR										
04...	1245	80513	82913	671	14.5	0.12	58	105	89	89
MAY										
01...	1405	80513	82913	3450	13.0	0.06	1330	12400	90	91
JUN										
26...	1305	80513	82913	1410	26.0	0.12	99	377	96	98

DATE	TIME	SED. SUSP. FALL DIAM. % FINER THAN .250 MM (70344)	SED. SUSP. FALL DIAM. % FINER THAN .500 MM (70345)	BED MAT. FALL DIAM. % FINER THAN .062 MM (80158)	BED MAT. FALL DIAM. % FINER THAN .125 MM (80159)	BED MAT. FALL DIAM. % FINER THAN .250 MM (80160)	BED MAT. FALL DIAM. % FINER THAN .500 MM (80161)	BED MAT. FALL DIAM. % FINER THAN 1.00 MM (80162)	BED MAT. FALL DIAM. % FINER THAN 2.00 MM (80163)
NOV									
07...	1435	100	--	1	2	61	100	--	--
DEC									
05...	1300	98	100	1	1	63	99	100	--
JAN									
05...	1115	100	--	1	2	69	99	100	--
30...	1445	100	--	1	1	27	92	100	--
MAR									
06...	1245	100	--	0	0	28	91	100	--
APR									
04...	1245	100	--	0	0	70	98	100	--
MAY									
01...	1405	99	100	1	1	65	98	99	100
JUN									
26...	1305	100	--	1	1	71	98	100	--

ST FRANCIS RIVER BASIN

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07040100 ST. FRANCIS RIVER AT ST. FRANCIS

LOCATION.--Lat 36°27'21", long 90°08'13", in sec.18, T.21 N., R.9 E., Clay County, Hydrologic Unit 08020203, at bridge on U.S. Highway 62 at St. Francis, and at mile 229.

PERIOD OF RECORD.--July 1969 to current year.

PERIOD OF DAILY RECORD.--

SUSPENDED SEDIMENT DISCHARGE: February 1985 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SEDIMENT CONCENTRATIONS: Maximum daily mean, 5,990 mg/L July 19, 1988; minimum daily mean, 8 mg/L, January 21, 1994.

SEDIMENT LOADS: Maximum daily, 76,200 tons, February 14, 1989; minimum daily, 9.9 tons, November 22, December 1, 1986.

EXTREMES FOR CURRENT YEAR.--

SEDIMENT CONCENTRATIONS: Maximum daily mean, 2,760 mg/L, February 15; minimum daily mean, 48 mg/L, September 3, 4.

SEDIMENT LOADS: Maximum daily, 38,000 tons, January 19; minimum daily, 22 tons, September 4.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	SEDI- MENT, SUS- PENDED (MG/L) (80154)
OCT 04...	1105	80513	82913	218	297	7.5	20.0	0.12	7.6	84	254
NOV 08...	0820	80513	82913	5400	134	7.4	13.0	0.09	7.2	69	238
DEC 06...	0855	80513	82913	3820	171	7.1	9.0	0.09	10.4	90	92
JAN 05...	0945	80513	82913	1960	219	7.6	4.0	0.12	7.9	60	50
31...	0845	80513	82913	3280	142	6.5	2.0	0.09	14.2	103	86
MAR 07...	0845	80513	82913	3170	189	7.2	5.0	0.12	7.2	57	141
APR 05...	0855	80513	82913	584	191	7.8	10.0	0.12	13.2	117	73
MAY 02...	0835	80513	82913	5610	210	7.6	10.5	0.06	9.0	81	597
JUN 27...	0855	80513	82913	1320	205	7.7	26.0	0.15	7.1	89	201
JUL 25...	1245	80513	82913	967	196	7.1	27.5	0.15	5.5	70	382
AUG 15...	1140	80513	82913	317	292	7.1	28.0	0.15	7.0	91	61
SEP 11...	1250	80513	82913	168	298	8.1	32.5	0.15	7.4	103	67
DATE	TIME	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. FALL DIAM. % FINER THAN (70342)	SED. SUSP. FALL DIAM. % FINER THAN (70343)	SED. SUSP. FALL DIAM. % FINER THAN (70344)	SED. SUSP. FALL DIAM. % FINER THAN (70345)	BED MAT. FALL DIAM. % FINER THAN (80158)	BED MAT. FALL DIAM. % FINER THAN (80159)	BED MAT. FALL DIAM. % FINER THAN (80160)	BED MAT. FALL DIAM. % FINER THAN (80161)	BED MAT. FALL DIAM. % FINER THAN (80162)
OCT 04...	1105	150	94	97	100	--	27	58	97	100	--
NOV 08...	0820	3470	89	91	99	100	1	1	83	100	--
DEC 06...	0855	949	84	92	100	--	0	0	86	100	--
JAN 05...	0945	265	85	92	100	--	0	1	86	100	--
31...	0845	762	82	82	100	--	21	57	98	100	--
MAR 07...	0845	1210	83	89	100	--	57	89	100	--	--
APR 05...	0855	115	98	100	--	--	5	27	94	100	--
MAY 02...	0835	9040	84	88	99	100	0	2	89	100	--
JUN 27...	0855	716	91	99	100	--	1	3	94	100	--
JUL 25...	1245	997	98	100	--	--	76	87	97	100	--
AUG 15...	1140	52	99	100	--	--	40	62	96	99	100
SEP 11...	1250	30	96	100	--	--	29	68	98	99	100

ST FRANCIS RIVER BASIN

07040100 ST. FRANCIS RIVER AT ST. FRANCIS--CONTINUED

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
OCTOBER			NOVEMBER			DECEMBER			
1	183	80	39	215	63	36	3980	115	1230
2	149	73	29	209	60	34	3870	95	997
3	149	73	29	215	70	41	3790	93	947
4	206	85	47	232	168	105	3730	91	915
5	219	85	50	4810	1730	22500	3670	90	887
6	223	79	48	8380	613	13900	3550	88	844
7	197	76	41	7290	368	7240	3230	86	751
8	155	91	38	5660	330	5050	2930	81	643
9	158	109	47	4700	404	5130	4020	561	6080
10	218	84	49	4250	407	4670	5820	463	7270
11	232	76	48	3380	268	2450	5580	237	3570
12	229	67	41	3550	308	2950	4060	128	1410
13	235	72	45	3680	259	2580	3460	105	981
14	235	78	49	3670	230	2280	3600	97	939
15	233	83	52	3760	224	2270	3680	91	903
16	231	91	57	4120	234	2600	3850	171	1770
17	230	92	57	3890	186	1950	4390	212	2510
18	229	82	51	3710	172	1720	3970	102	1090
19	1220	287	945	3730	173	1750	3650	91	894
20	3470	599	5610	3680	165	1640	3430	90	834
21	1520	328	1350	3700	191	1910	3320	186	1670
22	814	227	499	3710	171	1710	6590	942	16800
23	650	139	244	3520	142	1350	7340	537	10600
24	595	100	160	3430	147	1360	5290	242	3460
25	553	76	114	3390	134	1230	3740	131	1320
26	426	61	70	3360	130	1180	3120	112	942
27	355	60	58	4490	467	5660	2930	105	830
28	297	63	51	5460	270	3980	2890	99	770
29	240	61	40	4800	193	2500	2980	95	760
30	220	62	37	4210	141	1600	3040	105	863
31	216	62	36	---	---	---	3170	106	911
JANUARY			FEBRUARY			MARCH			
1	3160	92	785	2940	83	658	2250	142	864
2	3010	80	650	2540	80	548	3250	233	2040
3	2700	71	514	2330	79	497	3730	226	2280
4	2350	70	444	2110	78	443	3820	207	2140
5	2050	72	400	1890	78	396	3770	186	1890
6	1880	98	495	1720	103	479	3440	171	1590
7	2050	117	645	1690	132	604	3980	381	4090
8	1620	80	348	1690	76	346	6630	743	13300
9	1470	71	282	1580	58	247	6050	378	6170
10	1460	70	275	1450	63	245	5500	280	4160
11	1500	69	279	1270	63	216	5330	269	3870
12	1500	69	278	1080	63	184	5250	242	3430
13	1560	162	680	1000	61	165	5130	233	3220
14	2160	642	3750	1000	134	362	4950	222	2960
15	2610	322	2270	3230	2760	24000	4410	186	2220
16	3050	172	1410	5480	1240	18300	3650	191	1880
17	3430	204	1890	5210	301	4240	3290	177	1570
18	5320	899	12900	3780	207	2110	3060	157	1290
19	8830	1590	38000	3130	169	1430	2710	143	1050
20	9030	869	21200	2650	123	877	2500	153	1030
21	7440	592	11900	2190	117	690	2400	133	865
22	6460	472	8230	1860	96	483	2270	139	854
23	5920	344	5500	1780	86	412	1990	143	767
24	5540	246	3680	1740	80	378	1650	130	580
25	5220	208	2930	1810	90	440	1530	126	521
26	4900	173	2290	1830	103	508	1410	121	461
27	4610	166	2070	1830	104	512	1270	156	534
28	4420	179	2140	1880	108	547	1310	168	596
29	4240	168	1920	---	---	---	1230	111	370
30	3820	127	1310	---	---	---	1220	102	337
31	3430	99	917	---	---	---	1170	95	300
TOTAL	116740	---	130382	62690	---	60317	100150	---	67229

ST FRANCIS RIVER BASIN

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07040100 ST. FRANCIS RIVER AT ST. FRANCIS--CONTINUED

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
APRIL			MAY			JUNE			
1	1020	85	234	2880	1860	14400	3580	233	2250
2	963	86	223	5210	709	9980	3540	180	1720
3	868	80	188	2440	332	2180	3520	200	1900
4	732	82	162	1700	269	1230	3480	219	2060
5	611	77	126	2100	254	1440	3540	213	2030
6	556	80	119	2760	242	1800	3610	186	1820
7	474	79	101	2960	239	1910	4150	242	2710
8	397	79	85	3000	252	2040	3830	210	2170
9	365	78	77	5190	1030	14500	3580	205	1990
10	341	72	67	5100	337	4640	3550	184	1760
11	393	106	112	3860	223	2320	3630	213	2090
12	654	114	201	3710	230	2300	3920	283	3000
13	720	84	163	3730	223	2250	3700	241	2410
14	722	70	137	3750	220	2220	3540	224	2140
15	694	77	143	3710	215	2150	3460	206	1930
16	576	68	106	3650	187	1850	3400	193	1780
17	512	80	111	3490	166	1560	3350	182	1640
18	519	141	197	3640	357	3500	3290	175	1550
19	613	283	468	3510	288	2730	3240	169	1480
20	795	472	1010	3400	186	1710	3100	162	1350
21	794	155	333	3660	184	1820	3210	254	2200
22	623	99	167	3780	197	2010	2990	253	2040
23	510	98	134	3780	187	1910	2530	227	1550
24	600	190	308	3760	179	1810	2140	219	1260
25	471	212	270	3740	199	2010	1830	213	1050
26	402	108	117	3710	203	2030	1560	206	867
27	381	86	88	4590	541	6700	1320	199	710
28	362	67	66	4810	404	5240	1270	190	652
29	342	101	93	3820	283	2920	2180	939	5530
30	752	543	1100	3610	234	2280	3910	1590	16800
31	---	---	---	3600	228	2210	---	---	---
TOTAL	17762	---	6706	112650	---	107650	93950	---	72439
JULY			AUGUST			SEPTEMBER			
1	3130	790	6680	696	173	326	184	50	25
2	1540	430	1790	634	160	274	177	50	24
3	1240	441	1480	509	150	206	173	48	23
4	2890	1050	8230	411	153	169	172	48	22
5	1780	536	2570	622	345	580	188	58	29
6	1370	452	1670	571	245	378	239	129	83
7	950	259	665	443	181	217	245	115	76
8	868	278	652	401	147	159	247	100	66
9	1100	330	979	384	148	153	220	85	51
10	883	203	484	442	167	200	188	75	38
11	771	168	350	395	149	159	172	68	31
12	716	164	317	342	120	111	159	65	28
13	669	156	281	328	99	88	152	65	27
14	624	165	278	322	79	69	148	63	25
15	642	176	305	318	63	54	151	63	26
16	616	164	272	326	60	53	221	277	165
17	614	168	278	329	60	53	337	247	225
18	741	211	422	327	60	53	255	134	92
19	647	209	365	319	58	50	255	93	64
20	603	158	257	322	58	50	254	86	59
21	614	156	259	316	58	49	251	84	57
22	542	131	192	309	56	47	248	81	54
23	552	157	234	303	56	46	244	80	53
24	873	351	827	306	56	46	242	79	52
25	956	389	1000	305	54	45	242	76	49
26	772	274	570	268	54	39	245	74	49
27	829	241	540	223	54	32	213	71	41
28	839	229	519	203	52	29	160	69	30
29	865	215	501	184	52	26	138	66	24
30	863	199	463	181	50	25	131	65	23
31	821	181	402	186	50	25	---	---	---
TOTAL	30920	---	33832	11225	---	3811	6251	---	1611
YEAR	802496		671775						

ST FRANCIS RIVER BASIN

07040110 ST. FRANCIS RIVER NEAR PIGGOTT

LOCATION.--Lat 36°23'50", long 90°04'40", in SE1/4SW1/4 sec.3, T.20 N., R.9 E., Clay County, Hydrologic Unit 08020203, at bridge on State Highway 1, 6.0 mi east of Piggott.

DRAINAGE AREA.--1,776 mi².

PERIOD OF RECORD.--October 1977 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER- ATURE WATER (DEG C) (00010)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	SAMPLE SOURCE (72005)	SEDI- MENT, SUS- PENDE (MG/L) (80154)
NOV								
07...	1200	80513	82913	6230	17.0	0.09	67	324
07...	1235	80513	82913	868	17.0	0.09	68	290
DEC								
05...	1155	80513	82913	3400	9.0	0.12	--	120
JAN								
05...	0835	80513	82913	2100	4.0	0.09	--	66
30...	1345	80513	82913	3550	5.5	0.09	--	136
MAR								
06...	1145	80513	82913	3180	5.0	0.12	--	200
APR								
04...	1215	80513	82913	776	14.5	0.12	--	72
MAY								
01...	1235	80513	82913	1880	13.0	0.06	--	808
JUN								
26...	1205	80513	82913	1650	26.5	0.12	--	270

DATE	TIME	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. FALL DIAM. % FINER THAN .062 MM (70342)	SED. SUSP. FALL DIAM. % FINER THAN .125 MM (70343)	SED. SUSP. FALL DIAM. % FINER THAN .250 MM (70344)	SED. SUSP. FALL DIAM. % FINER THAN .500 MM (70345)	BED MAT. FALL DIAM. % FINER THAN .062 MM (80158)	BED MAT. FALL DIAM. % FINER THAN .125 MM (80159)
NOV								
07...	1200	5450	82	89	99	100	1	1
07...	1235	680	85	94	98	100	93	96
DEC								
05...	1155	1100	62	69	95	100	10	21
JAN								
05...	0835	374	69	79	96	100	0	0
30...	1345	1300	62	68	98	100	2	6
MAR								
06...	1145	1720	44	54	98	100	13	28
APR								
04...	1215	151	98	100	--	--	1	1
MAY								
01...	1235	4100	91	95	100	--	1	1
JUN								
26...	1205	1200	61	73	100	--	1	1

DATE	TIME	BED MAT. FALL DIAM. % FINER THAN .250 MM (80160)	BED MAT. FALL DIAM. % FINER THAN .500 MM (80161)	BED MAT. FALL DIAM. % FINER THAN 1.00 MM (80162)	BED MAT. FALL DIAM. % FINER THAN 2.00 MM (80163)	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM (80169)	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM (80170)	BED MAT. SIEVE DIAM. % FINER THAN 8.00 MM (80171)
NOV								
07...	1200	6	59	95	--	95	98	100
07...	1235	97	99	100	--	--	--	--
DEC								
05...	1155	68	87	98	100	--	--	--
JAN								
05...	0835	59	97	100	--	--	--	--
30...	1345	70	94	100	--	--	--	--
MAR								
06...	1145	88	98	100	--	--	--	--
APR								
04...	1215	58	95	99	100	--	--	--
MAY								
01...	1235	71	99	100	--	--	--	--
JUN								
26...	1205	68	97	100	--	--	--	--

ST FRANCIS RIVER BASIN

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07040130 ST. FRANCIS RIVER AT HOLLY ISLAND

LOCATION.--Lat 36°14'11", long 90°07'52", in SW1/4NE1/4 sec.32, T.19 N., R.9 E., Clay County, Hydrologic Unit 08020203, at bridge on State Highway 90, at Holly Island.

DRAINAGE AREA.--1,788 mi².

PERIOD OF RECORD.--October 1977 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER- ATURE WATER (DEG C) (00010)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	SAMPLE SOURCE (72005)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. FALL DIAM. % FINER THAN .062 MM (70342)
NOV										
08...	0930	80513	82913	4120	16.0	0.09	67	319	3550	87
08...	1000	80513	82913	3390	16.0	0.09	68	186	1700	91
DEC										
06...	1010	80513	82913	2360	9.0	0.09	67	88	561	91
06...	1035	80513	82913	2120	9.0	0.09	68	48	275	90
JAN										
04...	1630	80513	82913	1600	4.0	0.09	67	92	397	94
04...	1700	80513	82913	959	4.0	0.12	68	50	129	95
31...	1030	80513	82913	2260	5.0	0.12	67	78	476	89
31...	1100	80513	82913	2640	5.0	0.12	68	66	470	81
MAR										
07...	1015	80513	82913	2250	5.0	0.12	67	87	529	90
07...	1045	80513	82913	1520	5.0	0.09	68	48	197	94
APR										
05...	1005	80513	82913	750	10.0	0.12	--	47	95	95
MAY										
02...	1000	80513	82913	3090	14.0	0.06	67	1540	12800	96
02...	1030	80513	82913	1110	14.0	0.06	68	719	2150	95
JUN										
27...	0955	80513	82913	1420	26.5	0.12	--	130	498	99

DATE	TIME	SED. SUSP. FALL DIAM. % FINER THAN .125 MM (70343)	SED. SUSP. FALL DIAM. % FINER THAN .250 MM (70344)	SED. SUSP. FALL DIAM. % FINER THAN .500 MM (70345)	BED MAT. FALL DIAM. % FINER THAN .062 MM (80158)	BED MAT. FALL DIAM. % FINER THAN .125 MM (80159)	BED MAT. FALL DIAM. % FINER THAN .250 MM (80160)	BED MAT. FALL DIAM. % FINER THAN .500 MM (80161)	BED MAT. FALL DIAM. % FINER THAN 1.00 MM (80162)
NOV									
08...	0930	90	98	100	0	0	55	98	100
08...	1000	96	100	--	62	65	91	99	100
DEC									
06...	1010	93	100	--	1	1	69	98	100
06...	1035	90	100	--	2	4	81	100	--
JAN									
04...	1630	94	100	--	0	0	74	94	100
04...	1700	95	100	--	13	38	92	99	100
31...	1030	89	100	--	0	0	31	74	100
31...	1100	81	100	--	1	2	58	90	100
MAR									
07...	1015	92	100	--	64	83	96	98	100
07...	1045	94	100	--	41	56	91	100	--
APR									
05...	1005	95	100	--	1	3	53	94	100
MAY									
02...	1000	96	100	--	1	1	80	96	100
02...	1030	95	100	--	23	32	88	100	--
JUN									
27...	0955	99	99	100	1	2	90	100	--

ST FRANCIS RIVER BASIN

07040450 ST. FRANCIS RIVER AT LAKE CITY

LOCATION.--Lat 35°49'16", long 90°25'56", in SE1/4 sec.22, T.14 N., R.6 E., Craighead County, Hydrologic Unit 08020203, at bridge on State Highway 18 at Lake City, and at mile 173.6.

DRAINAGE AREA.--2,374 mi².

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

PERIOD OF DAILY RECORD.--

SUSPENDED SEDIMENT DISCHARGE: October 1990 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SEDIMENT CONCENTRATIONS: Maximum daily mean, 1,350 mg/L January 24, 1993; minimum daily mean, 7 mg/L, March 21, 1991.

SEDIMENT LOADS: Maximum daily, 42,500 tons, December 4, 1994; minimum daily, 55 tons, October 15, 1992, February 24, 1993.

EXTREMES FOR CURRENT YEAR.--

SEDIMENT CONCENTRATIONS: Maximum daily mean, 590 mg/L, November 27; minimum daily mean, 22 mg/L, July 1.

SEDIMENT LOADS: Maximum daily, 16,500 tons, January 19; minimum daily, 27 tons, September 2, 3.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	
OCT	05...	0815	80513	82913	254	313	7.4	21.0	0.12	7.1	80
NOV	08...	1230	80513	82913	587	284	7.1	17.0	0.09	7.2	75
DEC	06...	1305	80513	82913	1620	160	7.1	9.5	0.12	9.4	83
	06...	1400	80513	82913	3440	162	7.3	9.5	0.09	8.2	72
JAN	04...	1255	80513	82913	1340	201	7.4	4.0	0.09	7.6	58
	04...	1340	80513	82913	2960	198	7.2	4.0	0.12	7.1	54
	31...	1423	80513	82913	1470	150	6.7	3.5	0.09	11.8	89
	31...	1508	80513	82913	4650	133	6.6	3.5	0.12	11.1	84
MAR	07...	1235	80513	82913	1310	189	7.8	5.0	0.12	7.9	62
APR	05...	1415	80513	82913	1070	216	7.7	13.5	0.12	9.2	89
MAY	02...	1435	80513	82913	1660	197	7.8	13.0	0.06	8.0	76
	02...	1515	80513	82913	5890	190	7.4	13.0	0.06	7.2	69
JUN	27...	1345	80513	82913	1310	191	7.7	26.0	0.06	7.3	90
JUL	26...	0945	80513	82913	1290	135	7.1	28.0	0.15	4.7	60
	26...	1200	80513	82913	2470	128	7.2	28.0	0.15	4.7	60
AUG	16...	0900	80513	82913	535	305	7.2	28.0	0.12	7.0	91
SEP	12...	0735	80513	82913	258	306	8.1	29.5	0.12	6.8	90

DATE	TIME	SAMPLE SOURCE (72005)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. FALL DIAM. % FINER THAN .062 MM (70342)	SED. SUSP. FALL DIAM. % FINER THAN .125 MM (70343)	SED. SUSP. FALL DIAM. % FINER THAN .250 MM (70344)	SED. SUSP. FALL DIAM. % FINER THAN .500 MM (70345)	BED MAT. FALL DIAM. % FINER THAN .062 MM (80158)	
OCT	05...	0815	--	139	95	97	97	100	--	22
NOV	08...	1230	--	83	132	87	87	95	100	5
DEC	06...	1305	67	66	289	70	70	88	100	1
	06...	1400	68	39	362	91	91	96	100	19
JAN	04...	1255	67	39	141	92	92	96	100	17
	04...	1340	68	36	288	94	94	100	--	4
	31...	1423	67	55	218	96	96	100	--	3
	31...	1508	68	61	766	75	75	100	--	49
MAR	07...	1235	--	51	180	73	73	92	100	10
APR	05...	1415	--	80	231	91	91	94	100	3
MAY	02...	1435	67	209	937	98	98	98	100	56
	02...	1515	68	190	3020	99	100	--	--	48
JUN	27...	1345	--	78	276	99	100	--	--	2
JUL	26...	0945	67	131	456	94	95	99	100	10
	26...	1200	68	89	594	98	99	100	--	15
AUG	16...	0900	--	65	94	99	100	--	--	3
SEP	12...	0735	--	169	118	64	72	93	100	5

ST FRANCIS RIVER BASIN

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07040450 ST. FRANCIS RIVER AT LAKE CITY--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	BED MAT. FALL DIAM. % FINER THAN .125 MM (80159)	BED MAT. FALL DIAM. % FINER THAN .250 MM (80160)	BED MAT. FALL DIAM. % FINER THAN .500 MM (80161)	BED MAT. FALL DIAM. % FINER THAN 1.00 MM (80162)	BED MAT. FALL DIAM. % FINER THAN 2.00 MM (80163)	BED MAT. FALL SIEVE DIAM. % FINER THAN 2.00 MM (80169)	BED MAT. FALL SIEVE DIAM. % FINER THAN 4.00 MM (80170)	BED MAT. FALL SIEVE DIAM. % FINER THAN 8.00 MM (80171)	
OCT	05...	0815	39	69	92	96	--	97	98	100
NOV	08...	1230	7	27	66	85	--	87	93	100
DEC	06...	1305	1	25	91	100	--	--	--	--
	06...	1400	25	64	94	98	100	--	--	--
JAN	04...	1255	17	54	92	98	100	--	--	--
	04...	1340	5	47	99	100	--	--	--	--
	31...	1423	4	42	98	100	--	--	--	--
	31...	1508	79	95	98	100	--	--	--	--
MAR	07...	1235	23	98	99	--	--	99	100	--
APR	05...	1415	6	35	75	97	--	97	100	--
MAY	02...	1435	76	92	100	--	--	--	--	--
	02...	1515	56	86	98	100	--	--	--	--
JUN	27...	1345	2	30	100	--	--	--	--	--
JUL	26...	0945	18	65	93	98	--	98	98	100
	26...	1200	53	92	99	100	--	--	--	--
AUG	16...	0900	4	63	99	100	--	--	--	--
SEP	12...	0735	12	71	98	100	--	--	--	--

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
OCTOBER			NOVEMBER			DECEMBER			
1	267	87	63	537	62	90	5120	61	839
2	273	86	63	472	59	75	5320	49	707
3	275	86	64	424	57	65	5920	46	739
4	267	86	62	394	54	58	6100	75	1240
5	252	86	58	404	65	71	5800	72	1120
6	236	85	54	460	198	246	5380	49	710
7	227	86	52	490	202	268	5080	37	507
8	233	89	56	570	158	243	4910	39	515
9	254	87	60	683	150	276	6560	138	2440
10	265	86	61	847	151	345	10800	253	7390
11	261	84	59	1450	126	493	11300	167	5090
12	263	84	60	3700	105	1050	10100	86	2350
13	282	87	66	5900	136	2160	8720	57	1340
14	296	86	69	6430	182	3160	7930	45	966
15	301	85	69	6130	221	3650	7830	43	903
16	300	84	68	5920	196	3140	7660	40	831
17	299	84	68	5300	166	2380	7480	39	790
18	299	83	67	4980	144	1930	6770	39	713
19	300	83	67	4790	130	1680	6150	39	643
20	304	80	65	4730	119	1520	5750	38	586
21	317	73	63	5040	110	1490	6210	58	981
22	396	106	114	5110	105	1450	10400	155	4360
23	479	138	178	5000	103	1390	11100	108	3250
24	549	104	154	4880	101	1330	10200	70	1940
25	627	95	161	4750	100	1280	8640	55	1290
26	706	88	168	4650	99	1240	7780	44	929
27	744	80	160	6530	590	10400	8220	42	938
28	733	75	148	7210	583	11300	8570	43	995
29	702	72	136	6040	218	3560	7930	44	940
30	659	69	123	5410	77	1130	6660	44	794
31	605	66	107	---	---	---	5510	43	641
TOTAL	11971	---	2763	109231	---	57470	231900	---	47477

ST FRANCIS RIVER BASIN

07040450 ST. FRANCIS RIVER AT LAKE CITY--CONTINUED

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
JANUARY			FEBRUARY			MARCH			
1	4820	34	444	5210	46	641	1800	36	176
2	4440	32	383	4630	43	538	1730	32	149
3	4270	31	359	4150	41	460	1680	28	128
4	4230	31	352	3730	40	401	1680	27	122
5	4230	30	344	3300	38	338	1880	27	137
6	4700	54	680	2860	36	279	2380	34	220
7	5690	54	836	2490	35	234	3220	52	450
8	5230	40	570	2190	33	195	4360	74	872
9	4690	30	383	1910	31	160	5040	73	993
10	4070	30	326	1670	30	134	5100	59	816
11	3590	34	332	1470	28	111	4920	52	690
12	3270	41	364	1330	27	96	5660	67	1030
13	2990	48	391	1210	25	81	6890	102	1900
14	2690	47	342	1160	26	81	7380	105	2090
15	2450	45	298	1890	68	348	7290	100	1970
16	2290	43	266	2480	98	658	7070	92	1760
17	2290	50	309	2690	61	443	6860	85	1570
18	4990	376	5060	2570	46	320	6620	78	1400
19	11000	555	16500	2410	39	256	6200	74	1240
20	12200	284	9350	3150	53	453	5470	69	1030
21	11300	115	3520	4240	64	735	4850	63	829
22	10200	86	2360	4430	55	655	4320	62	728
23	9710	72	1880	3970	52	557	3930	93	987
24	10000	60	1610	3380	50	457	3570	106	1020
25	10000	50	1360	2840	49	374	3250	94	826
26	9330	49	1230	2400	47	304	3040	103	842
27	8340	41	912	2120	45	258	3290	131	1160
28	7360	42	833	1930	43	224	3090	124	1030
29	7080	49	935	---	---	---	2520	128	871
30	6910	49	922	---	---	---	2140	130	752
31	6140	46	770	---	---	---	1830	98	482
TOTAL	190500	---	54221	77810	---	9791	129060	---	28270
APRIL			MAY			JUNE			
1	1570	111	472	4970	112	1500	4730	65	832
2	1370	117	434	7240	164	3210	4810	76	987
3	1210	136	444	6070	124	2030	4540	59	729
4	1150	147	457	5100	99	1370	4180	42	476
5	1080	148	431	4220	86	976	3960	32	345
6	1020	144	397	4130	79	884	3770	32	324
7	966	137	358	4320	75	879	3640	32	317
8	931	139	349	3860	69	723	3570	34	329
9	884	140	334	4170	66	745	3570	36	351
10	846	140	319	4230	65	740	3790	36	371
11	823	127	282	4090	63	694	4020	42	451
12	791	111	236	3940	60	637	4320	40	472
13	753	95	193	4010	58	626	4360	40	475
14	720	79	153	4700	100	1270	4220	38	428
15	707	69	132	5400	104	1510	4030	37	406
16	716	64	124	6550	85	1500	3890	34	356
17	753	62	125	6650	76	1370	3850	31	324
18	783	63	133	5830	72	1140	3800	35	359
19	833	105	236	5030	70	950	3710	34	340
20	1880	569	2890	4550	68	831	3630	32	314
21	5180	404	5650	4210	64	728	3630	31	306
22	3950	252	2690	4010	60	653	3620	32	312
23	3990	206	2220	3870	54	562	3630	32	315
24	3860	160	1660	3770	48	486	3590	33	316
25	2720	142	1040	3720	46	467	3510	31	295
26	1820	136	668	3840	46	479	3400	30	276
27	1150	127	394	4180	47	526	3180	30	258
28	940	120	304	4120	45	505	2840	30	227
29	885	121	289	4100	46	505	2430	27	175
30	2160	157	917	4100	44	491	2090	23	127
31	---	---	---	4300	47	550	---	---	---
TOTAL	46441	---	24331	143280	---	29537	112310	---	11593

ST FRANCIS RIVER BASIN

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07040450 ST. FRANCIS RIVER AT LAKE CITY--CONTINUED

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
JULY			AUGUST			SEPTEMBER			
1	1840	22	109	873	41	96	287	38	29
2	1600	26	114	853	42	96	264	38	27
3	1730	106	497	841	41	94	248	40	27
4	2710	130	949	830	42	94	266	55	39
5	3800	83	855	840	43	98	297	76	61
6	4120	57	638	827	44	99	284	62	48
7	3300	51	459	818	43	96	260	53	37
8	2720	46	340	789	44	94	238	49	32
9	2730	54	399	740	45	90	239	49	31
10	2820	83	634	768	55	114	247	46	31
11	2820	62	471	878	135	320	249	46	31
12	2410	48	311	759	130	266	255	46	32
13	1720	42	197	664	96	172	249	45	31
14	1180	41	131	606	87	142	244	42	28
15	988	40	107	566	80	122	228	43	27
16	904	39	95	537	69	100	393	275	292
17	861	39	90	514	78	108	795	289	621
18	875	37	88	490	76	100	775	155	325
19	878	36	85	466	72	90	656	98	174
20	859	38	89	445	68	82	552	80	120
21	962	62	162	430	65	76	491	72	96
22	1060	91	261	416	64	72	446	68	82
23	1880	182	926	399	61	66	412	68	75
24	3280	245	2170	387	60	63	389	65	69
25	4240	156	1790	383	57	59	377	64	66
26	3570	104	1000	380	56	58	376	61	62
27	2980	75	600	376	53	54	374	60	61
28	2010	54	293	369	49	49	370	57	57
29	1260	45	152	355	46	44	364	56	55
30	994	41	110	338	42	38	350	54	51
31	909	39	97	313	38	32	---	---	---
TOTAL	64010	---	14219	18250	---	3084	10975	---	2717
YEAR	1145738		285473						

ST FRANCIS RIVER BASIN

07040496 COCKLE BURR SLOUGH DITCH NEAR MONETTE

LOCATION.--Lat 35°51'39", long 90°19'49", in SW1/4SE1/4 sec.3, T.14 N., R.7 E., Craighead County, Hydrologic Unit 08020203, at bridge on county road south of State Highway 18, 2.1 mi southeast of Monette.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	SEDI- MENT, SUS- PENDED (MG/L) (80154)
NOV											
08...	1115	80513	80513	--	431	6.8	14.5	--	8.0	79	--
DEC											
06...	1210	80513	80513	--	402	7.1	8.5	--	12.0	103	--
JAN											
04...	1140	80513	80513	--	167	7.8	4.5	--	7.0	54	--
31...	1245	80513	80513	--	412	6.9	7.0	--	9.6	79	--
MAR											
07...	1155	80513	82913	368	201	7.5	11.0	0.15	8.0	73	100
APR											
05...	1215	80513	82913	181	426	7.4	13.0	0.12	8.8	84	70
MAY											
02...	1135	80513	82913	740	181	7.4	12.5	0.06	8.0	75	484
JUN											
27...	1115	80513	80513	0.0	181	7.7	26.0	--	7.0	87	--
		SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. FALL DIAM. % FINER THAN .062 MM (70342)	SED. SUSP. FALL DIAM. % FINER THAN .125 MM (70343)	SED. SUSP. FALL DIAM. % FINER THAN .250 MM (70344)	SED. SUSP. FALL DIAM. % FINER THAN .500 MM (70345)	BED MAT. FALL DIAM. % FINER THAN .062 MM (80158)	BED MAT. FALL DIAM. % FINER THAN .125 MM (80159)	BED MAT. FALL DIAM. % FINER THAN .250 MM (80160)	BED MAT. FALL DIAM. % FINER THAN .500 MM (80161)	BED MAT. FALL DIAM. % FINER THAN 1.00 MM (80162)
MAR											
07...	1155	99	76	79	100	--	76	84	97	99	100
APR											
05...	1215	34	95	95	100	--	37	63	92	98	100
MAY											
02...	1135	967	94	94	98	100	23	42	88	98	100

ST FRANCIS RIVER BASIN

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07046600 RIGHT HAND CHUTE OF LITTLE RIVER AT RIVERVALE

LOCATION.--Lat 35°40'20", long 90°29'12", in SW¼ sec.10, T.12 N., R.7 E., Poinsett County, Hydrologic Unit 08020204, at bridge on State Highway 135 at Rivervale, 9.0 mi upstream from St. Francis River.

DRAINAGE AREA.--2,106 mi².

PERIOD OF RECORD.--October 1977 to current year.

PERIOD OF DAILY RECORD.--

SUSPENDED SEDIMENT DISCHARGE: October 1990 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SEDIMENT CONCENTRATIONS: Maximum daily mean, 3,290 mg/L March 25, 1991; minimum daily mean, 10 mg/L, September 11, 1994.

SEDIMENT LOADS: Maximum daily, 46,400 tons, December 26, 1991; minimum daily, 9 tons, September 21, 1994.

EXTREMES FOR CURRENT YEAR.--

SEDIMENT CONCENTRATIONS: Maximum daily mean, 3,080 mg/L, April 21; minimum daily mean, 27 mg/L, December 16, 17.

SEDIMENT LOADS: Maximum daily, 40,500 tons, April 22; minimum daily, 15 tons, October 11, 12.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	SEDI- MENT, SUS- PENDED (MG/L) (80154)
OCT 05...	0930	80513	82913	251	465	7.2	22.0	0.24	7.6	87	70
NOV 09...	0840	80513	82913	4570	196	8.0	14.5	0.09	6.8	67	402
DEC 07...	0810	80513	82913	1170	250	7.1	11.0	0.15	9.2	84	89
JAN 04...	1015	80513	82913	1200	190	8.1	4.0	0.15	7.2	54	77
FEB 01...	0820	80513	82913	3120	266	6.6	4.0	0.09	10.8	83	129
MAR 08...	0820	80513	82913	2310	178	7.1	5.0	0.09	8.2	64	92
APR 05...	1315	80513	82913	806	444	7.2	15.0	0.15	10.8	108	50
MAY 02...	1225	80513	82913	7650	167	7.8	14.0	0.06	8.7	85	709
JUN 27...	1210	80513	82913	1860	210	7.6	26.0	0.15	7.4	92	186
JUL 26...	1430	80513	82913	4680	162	7.3	28.0	0.15	4.8	62	348
AUG 16...	1010	80513	82913	753	301	7.1	29.0	0.15	7.4	97	66
SEP 12...	0930	80513	82913	412	301	7.8	29.0	0.15	7.0	92	58
DATE	TIME	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. FALL DIAM. % FINER THAN (70342)	SED. SUSP. FALL DIAM. % FINER THAN (70343)	SED. SUSP. FALL DIAM. % FINER THAN (70344)	SED. SUSP. FALL DIAM. % FINER THAN (70345)	BED MAT. FALL DIAM. % FINER THAN (80158)	BED MAT. FALL DIAM. % FINER THAN (80159)	BED MAT. FALL DIAM. % FINER THAN (80160)	BED MAT. FALL DIAM. % FINER THAN (80161)	BED MAT. FALL DIAM. % FINER THAN (80162)
OCT 05...	0930	47	99	99	100	--	36	76	94	97	100
NOV 09...	0840	4960	91	94	99	100	3	7	66	96	100
DEC 07...	0810	281	97	100	--	--	14	24	59	98	100
JAN 04...	1015	249	97	97	100	--	57	78	97	100	--
FEB 01...	0820	1090	97	97	100	--	1	1	20	96	100
MAR 08...	0820	574	99	100	--	--	1	1	21	86	100
APR 05...	1315	109	99	100	--	--	3	3	49	94	100
MAY 02...	1225	14600	90	92	99	100	9	17	77	98	100
JUN 27...	1210	934	99	100	--	--	69	88	97	99	100
JUL 26...	1430	4400	75	81	90	100	1	2	22	87	100
AUG 16...	1010	134	80	100	--	--	59	91	99	100	--
SEP 12...	0930	65	96	100	--	--	58	81	98	100	--

ST FRANCIS RIVER BASIN

07046600 RIGHT HAND CHUTE OF LITTLE RIVER AT RIVERVALE--CONTINUED
 SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
OCTOBER			NOVEMBER			DECEMBER			
1	240	33	21	219	50	30	3740	134	1350
2	251	40	27	269	50	36	3000	96	777
3	245	50	33	225	50	30	2500	71	478
4	244	61	40	265	50	36	1630	57	252
5	388	73	77	267	47	34	1440	49	190
6	816	66	146	329	48	42	1320	42	149
7	243	55	36	1760	60	284	1170	36	113
8	167	48	22	3830	166	1720	1150	36	112
9	148	43	17	4710	415	5270	1410	37	142
10	142	43	17	5150	569	7910	4550	89	1090
11	135	42	15	4960	507	6790	7980	82	1760
12	138	41	15	4390	427	5060	9410	50	1270
13	190	40	21	3650	371	3660	9380	38	975
14	185	34	17	3120	330	2780	8470	33	764
15	201	32	17	2320	299	1870	6580	28	493
16	186	32	16	1920	266	1380	4350	27	317
17	195	30	16	1560	238	1000	3770	27	275
18	193	31	16	1420	208	799	3350	29	264
19	202	33	18	1220	170	562	3150	60	506
20	195	35	18	1130	159	486	3450	62	573
21	222	35	21	1050	160	453	3030	38	310
22	321	36	31	1130	157	480	3270	94	828
23	410	38	42	1170	135	426	5790	106	1660
24	646	55	96	1040	105	295	6130	80	1330
25	1130	66	202	900	82	198	6420	66	1140
26	984	65	172	844	64	146	5230	56	793
27	666	61	109	854	59	136	3580	88	851
28	460	57	71	1860	75	375	3530	94	899
29	329	57	50	3240	100	878	3130	74	625
30	276	54	40	3950	169	1800	2920	71	563
31	276	53	40	---	---	---	2670	68	491
JANUARY			FEBRUARY			MARCH			
1	2360	66	418	3140	92	781	1770	105	500
2	1910	62	317	3050	161	1320	1510	79	324
3	1560	61	257	2890	187	1460	1380	68	255
4	1250	61	206	2610	186	1310	1300	64	224
5	1300	63	221	2310	165	1030	1320	65	232
6	1690	77	351	1960	120	636	1460	67	263
7	3070	117	973	1370	85	314	1640	70	311
8	3150	175	1490	1200	70	228	2540	115	791
9	3160	187	1600	1230	63	208	3580	363	3510
10	3030	171	1400	1210	57	185	4850	468	6130
11	2170	101	594	1290	54	188	5220	399	5620
12	1640	109	483	1290	48	169	4730	361	4610
13	2200	207	1230	1190	46	148	3990	324	3490
14	2040	179	984	1220	44	144	3370	295	2690
15	1820	232	1140	1720	41	191	2910	267	2100
16	2150	256	1480	3400	201	1850	2060	229	1270
17	2650	285	2040	5510	547	8130	1380	191	711
18	3510	320	3030	6620	447	7990	1090	166	488
19	6560	236	4190	7100	371	7100	1520	182	748
20	9330	212	5330	6850	314	5810	1750	245	1160
21	10900	170	5010	5790	263	4110	1600	212	916
22	11600	128	4020	4140	225	2510	1390	146	548
23	11200	110	3330	2710	187	1370	1350	112	409
24	10100	94	2560	2530	183	1250	1400	89	337
25	8050	83	1800	2410	195	1270	1300	83	293
26	6160	69	1140	2250	184	1120	1210	83	271
27	4710	59	754	2120	171	982	1330	83	299
28	3970	104	1110	2080	139	778	1370	88	326
29	3640	164	1610	---	---	---	1290	85	294
30	3140	175	1480	---	---	---	1260	85	288
31	3130	175	1480	---	---	---	1260	92	311
TOTAL	133150	---	52028	81190	---	52582	64130	---	39719

ST FRANCIS RIVER BASIN

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07046600 RIGHT HAND CHUTE OF LITTLE RIVER AT RIVERVALE--CONTINUED

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
APRIL			MAY			JUNE			
1	1210	85	277	3540	504	4820	2900	506	3970
2	1170	71	224	7220	736	14300	2250	418	2540
3	1100	61	180	9610	1200	31300	1490	329	1320
4	951	57	147	10500	1170	33200	1310	278	982
5	837	56	127	10400	1020	28700	1380	244	908
6	768	60	125	9390	880	22300	1530	269	1110
7	795	78	166	7730	711	14800	2210	315	1880
8	858	65	151	5770	526	8190	2210	351	2090
9	897	57	139	4120	414	4600	2150	442	2570
10	921	54	135	3160	372	3180	2740	572	4230
11	957	57	147	3340	362	3270	2640	659	4690
12	993	72	192	4050	421	4610	2700	616	4490
13	1000	81	220	3830	642	6640	2830	534	4080
14	971	93	243	3300	545	4850	2770	449	3350
15	944	114	291	3400	474	4350	2620	379	2680
16	926	144	360	3890	768	8060	2180	297	1750
17	904	178	435	3460	1760	16500	1510	216	882
18	891	192	461	3020	1650	13500	1320	174	622
19	860	223	519	2870	1310	10200	1260	145	494
20	1180	793	2530	2980	1200	9650	1230	115	384
21	3890	3080	32400	3200	1090	9450	1210	119	390
22	6210	2420	40500	3290	1270	11300	1640	214	946
23	6670	1680	30200	3140	975	8270	3130	846	7150
24	6420	1220	21200	2890	589	4600	3140	706	5990
25	5740	888	13800	2020	417	2270	2940	530	4210
26	4570	764	9420	1580	348	1480	2320	390	2440
27	3290	613	5440	1560	333	1400	1920	282	1460
28	2220	508	3050	1600	321	1390	1570	199	845
29	2330	490	3080	2390	357	2300	1320	185	660
30	2750	484	3590	3170	828	7090	2140	340	1970
31	---	---	---	3140	658	5580	---	---	---
TOTAL	63223	---	169749	133560	---	302150	62560	---	71083
JULY			AUGUST			SEPTEMBER			
1	3500	864	8170	1630	120	529	741	48	96
2	3550	844	8090	1610	104	452	722	48	94
3	3140	663	5620	1560	101	424	687	48	89
4	3280	720	6380	1240	94	315	672	48	87
5	3560	945	9080	1010	94	257	660	49	87
6	3930	980	10400	1290	104	362	631	49	83
7	3420	723	6680	1710	121	559	603	49	80
8	2970	537	4310	1400	112	424	548	49	72
9	2970	522	4180	1180	103	327	503	49	67
10	3120	672	5660	1070	95	273	460	49	61
11	3030	682	5580	1040	91	254	428	49	57
12	2990	621	5020	1910	138	712	411	49	54
13	2720	552	4050	1980	133	709	404	49	53
14	1910	495	2550	1280	104	360	415	49	55
15	1660	457	2050	892	84	202	424	49	56
16	1610	457	1990	788	67	143	454	49	60
17	1570	460	1950	683	64	118	592	49	78
18	1530	464	1920	659	63	112	833	82	185
19	1600	494	2130	638	62	107	1140	118	363
20	1790	455	2200	634	62	105	833	84	190
21	1860	418	2100	621	59	99	679	65	120
22	1930	413	2150	619	57	95	595	60	96
23	2270	490	3010	592	55	88	536	58	85
24	2720	551	4050	577	53	83	514	55	77
25	3580	692	6690	571	52	80	491	55	73
26	4330	523	6110	562	50	76	474	54	69
27	3830	348	3600	543	48	71	459	51	63
28	3220	253	2200	688	48	89	459	50	62
29	2920	199	1570	824	48	107	459	50	62
30	1900	173	886	808	48	105	444	50	60
31	1620	146	639	780	48	101	---	---	---
TOTAL	84030	---	131015	31389	---	7738	17271	---	2734
YEAR	867179		896583						

ST FRANCIS RIVER BASIN

07047810 ST. FRANCIS RIVER FLOODWAY NEAR MARKED TREE

LOCATION.--Lat 35°32'15", long 90°29'05", in SE1/4NE1/4 sec.31, T.11 N., R.6 E., Poinsett County, Hydrologic Unit 08020203, at bridge on U.S. Highway 63, 3.6 mi northwest of Marked Tree.

PERIOD OF RECORD.--October 1977 to current year.

PERIOD OF DAILY RECORD.--

SUSPENDED SEDIMENT DISCHARGE: October 1990 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SEDIMENT CONCENTRATIONS: Maximum daily mean, 2,690 mg/L December 6, 1991; minimum daily mean, 13 mg/L, January 1, 1993.

SEDIMENT LOADS: Maximum daily, 96,600 tons, December 6, 1991; minimum daily, 2.2 tons, Nov. 12, 1994.

EXTREMES FOR CURRENT YEAR.--

SEDIMENT CONCENTRATIONS: Maximum daily mean, 940 mg/L, November 8; minimum daily mean, 46 mg/L, December 31.

SEDIMENT LOADS: Maximum daily, 15,800 tons, April 22; minimum daily, 20 tons, September 27.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
NOV										
09...	1050	80513	82913	4990	215	7.5	15.0	0.09	9.0	90
09...	1115	80513	82913	1120	--	--	15.0	0.09	--	--
DEC										
07...	0945	80513	82913	5150	169	7.1	11.0	0.09	8.8	80
07...	1015	80513	82913	898	--	--	11.0	0.09	--	--
JAN										
04...	0815	80513	82913	5010	164	8.3	4.0	0.09	7.8	60
04...	0850	80513	82913	1040	--	--	4.0	0.09	--	--
FEB										
01...	1022	80513	82913	8340	189	6.8	5.0	0.09	14.2	112
01...	1040	80513	82913	2470	--	--	4.0	0.15	--	--
01...	1100	80513	82913	40	--	--	4.0	0.15	--	--
01...	1125	80513	82913	104	--	--	5.0	0.15	--	--
MAR										
08...	1020	80513	82913	3020	201	7.5	5.0	0.12	7.8	61
08...	1055	80513	82913	406	--	--	5.0	0.09	--	--
APR										
06...	0845	80513	82913	2200	233	7.0	14.0	0.09	9.3	91
06...	0915	80513	82913	99	--	--	12.5	0.15	--	--
MAY										
03...	0815	80513	82913	7000	195	7.6	12.5	0.06	8.5	80
03...	0845	80513	82913	1630	--	--	12.5	0.06	--	--
JUN										
28...	0815	80513	82913	3470	195	7.8	26.5	0.12	7.1	89
28...	0850	80513	82913	550	--	--	26.5	0.12	--	--
DATE	TIME	SAMPLE SOURCE (72005)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. FALL DIAM. % FINER THAN .062 MM (70342)	SED. SUSP. FALL DIAM. % FINER THAN .125 MM (70343)	SED. SUSP. FALL DIAM. % FINER THAN .250 MM (70344)	SED. SUSP. FALL DIAM. % FINER THAN .500 MM (70345)	SED. SUSP. FALL DIAM. % FINER THAN 1.00 MM (70346)	BED MAT. FALL DIAM. % FINER THAN .062 MM (80158)
NOV										
09...	1050	67	667	8990	94	96	99	99	100	26
09...	1115	68	693	2100	91	95	99	100	--	2
DEC										
07...	0945	67	61	848	85	85	92	100	--	20
07...	1015	68	71	172	87	94	100	--	--	1
JAN										
04...	0815	67	53	717	74	74	92	100	--	15
04...	0850	68	57	160	80	80	97	100	--	1
FEB										
01...	1022	67	105	2360	60	60	83	94	100	34
01...	1040	68	74	494	80	80	96	100	--	1
01...	1100	68	126	14	98	100	--	--	--	74
01...	1125	68	101	28	97	97	100	--	--	50
MAR										
08...	1020	67	77	628	89	89	96	100	--	15
08...	1055	68	55	60	100	--	--	--	--	2
APR										
06...	0845	67	65	386	98	100	--	--	--	4
06...	0915	68	82	22	94	97	100	--	--	1
MAY										
03...	0815	67	445	8410	94	96	99	100	--	12
03...	0845	68	470	2070	90	92	98	100	--	1
JUN										
28...	0815	67	99	928	97	97	100	--	--	9
28...	0850	68	114	169	96	99	100	--	--	1

ST FRANCIS RIVER BASIN

07047810 ST. FRANCIS RIVER FLOODWAY NEAR MARKED TREE--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	BED MAT. FALL DIAM. % FINER THAN .125 MM (80159)	BED MAT. FALL DIAM. % FINER THAN .250 MM (80160)	BED MAT. FALL DIAM. % FINER THAN .500 MM (80161)	BED MAT. FALL DIAM. % FINER THAN 1.00 MM (80162)	BED MAT. FALL DIAM. % FINER THAN 2.00 MM (80163)	BED MAT. FALL DIAM. % FINER THAN 2.00 MM (80169)	BED MAT. FALL DIAM. % FINER THAN 4.00 MM (80170)	BED MAT. FALL DIAM. % FINER THAN 8.00 MM (80171)
NOV									
09...	1050	37	92	99	100	--	--	--	--
09...	1115	2	59	98	100	--	--	--	--
DEC									
07...	0945	59	95	98	99	100	--	--	--
07...	1015	2	29	88	100	--	--	--	--
JAN									
04...	0815	46	97	100	--	--	--	--	--
04...	0850	1	55	99	100	--	--	--	--
FEB									
01...	1022	72	95	99	100	--	--	--	--
01...	1040	1	71	100	--	--	--	--	--
01...	1100	78	90	99	100	--	--	--	--
01...	1125	55	76	83	86	--	86	91	100
MAR									
08...	1020	33	95	100	--	--	--	--	--
08...	1055	7	97	100	--	--	--	--	--
APR									
06...	0845	20	92	100	--	--	--	--	--
06...	0915	1	63	97	100	--	--	--	--
MAY									
03...	0815	44	100	--	--	--	--	--	--
03...	0845	1	52	100	--	--	--	--	--
JUN									
28...	0815	22	90	97	97	--	100	--	--
28...	0850	1	58	100	--	--	--	--	--

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
	OCTOBER			NOVEMBER			DECEMBER		
1	e810	71	155	e1040	52	146	9530	295	7590
2	e860	74	172	e1040	51	143	8990	198	4820
3	e920	78	194	e1030	50	139	8010	169	3650
4	e960	82	212	e1030	50	139	5590	146	2200
5	e1000	85	228	e1060	55	159	5260	132	1870
6	e1040	84	236	e1350	114	414	5500	120	1780
7	e1060	84	240	e1800	260	1260	5590	113	1700
8	e1050	83	235	e4000	940	10100	5690	106	1630
9	e1020	82	226	6340	806	13800	5240	108	1530
10	e990	81	216	7110	563	10800	e5400	224	3270
11	e960	80	207	5930	383	6130	e10900	453	13300
12	e950	79	203	5480	275	4070	12000	238	7730
13	e950	78	200	5900	272	4340	13200	171	6100
14	e940	77	195	5820	221	3470	14000	147	5570
15	e950	76	195	5440	166	2430	14100	133	5080
16	e970	74	193	3940	133	1410	13500	119	4350
17	e980	65	171	4120	106	1180	12300	109	3620
18	e990	61	164	4770	96	1240	11300	104	3160
19	e990	62	165	5560	232	3490	10400	107	3010
20	e990	62	165	5930	258	4130	9860	110	2940
21	e990	61	163	5560	202	3030	9440	131	3340
22	e1000	60	162	5170	138	1920	9200	185	4590
23	e1080	59	172	4810	82	1070	9780	232	6120
24	e1120	58	176	4400	72	851	10900	263	7750
25	e1200	58	187	4600	71	882	11800	223	7090
26	e1270	57	195	4750	71	912	12500	135	4540
27	e1300	56	196	5070	72	984	12200	94	3100
28	e1310	55	194	5370	72	1040	11400	98	3000
29	e1300	54	190	5940	95	1520	10700	64	1860
30	e1280	54	186	8310	350	7850	9830	58	1530
31	e1260	53	180	---	---	---	8760	46	1090
TOTAL	32490	---	5973	132670	---	89049	302870	---	128910

ST FRANCIS RIVER BASIN

07047810 ST. FRANCIS RIVER FLOODWAY NEAR MARKED TREE--CONTINUED

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
JANUARY			FEBRUARY			MARCH			
1	8980	41	1000	10800	101	2960	5350	154	2220
2	8510	41	942	10400	120	3360	4920	146	1940
3	6940	41	768	10000	121	3270	4410	139	1650
4	5490	55	815	9420	116	2940	4320	131	1530
5	5520	127	1890	8760	115	2720	4420	125	1490
6	5500	98	1460	8060	114	2480	4250	122	1400
7	5310	82	1180	7200	109	2110	3200	116	1000
8	7110	155	2970	6000	108	1750	3920	118	1250
9	7770	129	2700	5250	108	1530	6140	560	9290
10	6910	111	2060	5250	102	1450	8310	496	11100
11	7310	97	1910	5240	101	1430	9670	328	8580
12	6730	84	1530	5060	96	1310	9740	260	6840
13	5880	77	1220	4850	94	1230	9650	210	5480
14	5240	71	1000	4790	88	1140	9470	191	4890
15	5440	70	1030	4870	88	1150	9200	167	4150
16	5260	69	980	5340	204	2940	8810	173	4110
17	5490	71	1050	6820	731	13500	8310	148	3330
18	7210	142	2770	8240	609	13500	7720	132	2750
19	8860	314	7510	9410	306	7790	7240	131	2570
20	10000	480	12900	9860	213	5680	6960	165	3100
21	11700	304	9600	9960	206	5540	7180	135	2620
22	14100	218	8320	9810	201	5330	7100	129	2470
23	16200	212	9300	9280	210	5270	6690	128	2310
24	17000	254	11600	8570	205	4750	6220	123	2060
25	17200	260	12100	7960	197	4240	5640	122	1860
26	16800	214	9720	7340	190	3760	5290	121	1730
27	15600	190	8000	6690	182	3280	5230	121	1710
28	14300	148	5730	5410	168	2450	5240	119	1690
29	13100	112	3970	---	---	---	5200	114	1600
30	12100	108	3520	---	---	---	4800	113	1460
31	11300	109	3320	---	---	---	4560	113	1390
TOTAL	294860	---	132865	210640	---	108860	199160	---	99570
APRIL			MAY			JUNE			
1	4370	112	1320	4600	313	3880	6730	114	2060
2	4060	111	1220	7120	796	15300	6000	106	1720
3	e3400	106	970	8900	431	10300	5230	106	1490
4	e2800	104	787	10000	294	7930	5130	105	1460
5	e2500	104	702	10800	209	6080	4960	105	1410
6	e2300	104	645	11100	159	4770	e4830	104	1360
7	e2290	103	637	11200	131	3980	5120	101	1390
8	e2200	102	606	10900	119	3520	5190	100	1400
9	e2050	97	536	10200	115	3150	4860	100	1310
10	e1850	96	479	9130	114	2810	4990	99	1330
11	e1610	95	413	8160	114	2510	5190	98	1380
12	e1470	95	376	7900	114	2430	5070	95	1290
13	e1400	94	356	7900	114	2430	5310	94	1350
14	e1370	94	348	7630	113	2330	5470	97	1430
15	e1230	94	312	7340	113	2240	5560	115	1730
16	e1100	93	276	7570	112	2300	6200	137	2290
17	e1000	93	251	7830	109	2290	6180	114	1910
18	e940	92	234	7790	108	2270	5090	99	1360
19	e900	92	224	7460	107	2160	4940	120	1600
20	e1100	107	319	7180	107	2070	5360	121	1750
21	e6500	710	12400	7160	107	2070	5270	104	1480
22	7510	782	15800	7200	107	2080	5150	97	1340
23	8310	511	11500	7000	107	2020	5860	113	1790
24	8760	352	8330	6270	107	1810	6220	127	2130
25	8910	283	6810	5380	107	1550	5880	106	1680
26	8750	243	5730	4540	106	1300	5110	102	1410
27	7950	210	4500	4710	102	1290	4420	102	1210
28	5420	174	2550	4450	101	1210	4070	101	1110
29	3400	133	1220	4660	163	2050	3490	106	997
30	3420	111	1030	5800	313	4900	4010	150	1620
31	---	---	---	6420	190	3290	---	---	---
TOTAL	108870	---	80881	234300	---	108320	156890	---	45787

ST FRANCIS RIVER BASIN

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07047810 ST. FRANCIS RIVER FLOODWAY NEAR MARKED TREE--CONTINUED

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
	JULY			AUGUST			SEPTEMBER		
1	5250	347	4920	e2100	126	714	e135	102	37
2	6080	523	8580	e2700	219	1600	e135	101	37
3	5710	475	7320	e6600	386	6880	e130	101	35
4	4840	313	4090	e5400	223	3250	e130	99	35
5	5600	381	5750	e4300	155	1800	e130	95	33
6	6210	385	6460	e3000	142	1150	e130	94	33
7	6970	268	5040	e2310	146	913	e130	94	33
8	6530	235	4140	e2690	208	1510	e130	93	33
9	5420	211	3090	e1300	208	729	e130	93	33
10	e4800	259	3360	e980	195	515	e150	102	41
11	e5000	228	3080	e800	182	393	e800	151	327
12	e4900	188	2480	e640	169	293	e1600	95	410
13	e4200	154	1740	e530	157	224	e1700	86	395
14	e3500	125	1180	e450	145	177	e1800	85	414
15	e2980	122	982	e400	142	154	e1850	81	403
16	e2750	123	913	e350	134	127	e1600	81	351
17	e2600	124	871	e330	136	121	e1900	91	466
18	e2550	125	861	e290	136	106	e2100	102	581
19	e2520	122	828	e270	131	95	e2050	98	540
20	e2650	122	873	e250	130	88	e2200	105	624
21	e2600	123	866	e230	128	80	e2400	113	732
22	e3000	204	1650	e210	124	70	e800	109	235
23	e3500	299	2830	e200	123	66	e370	103	103
24	e4200	184	2080	e180	121	59	e210	98	55
25	4080	243	2680	e170	116	53	e130	92	32
26	5930	360	5760	e160	115	50	e90	87	21
27	7280	201	3940	e155	114	48	e85	86	20
28	6680	149	2700	e150	109	44	e1000	115	311
29	5000	133	1800	e145	108	42	e930	116	291
30	3440	127	1180	e140	108	41	e850	111	255
31	e2400	126	816	e140	107	40	---	---	---
TOTAL	139170	---	92860	37570	---	21432	25795	---	6916
YEAR	1875285		921423						

e Estimated

ST FRANCIS RIVER BASIN

07047815 CROSS COUNTY DITCH NEAR BIRDEYE

LOCATION.--Lat 35°21'38", long 90°39'00", in NE1/4SE1/4 sec.34, T.9 N., R.4 E., Cross County, Hydrologic Unit 08020203, at bridge on State Highway 42, 2.3 mi east of Birdeye.

PERIOD OF RECORD.--October 1977 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER- ATURE WATER (DEG C) (00010)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. FALL DIAM. % FINER THAN (70342)
NOV 09...	1255	80513	82913	4210	15.0	0.09	443	5040	88
DEC 07...	1230	80513	82913	4950	10.5	0.09	87	1160	78
JAN 03...	1415	80513	82913	6130	3.0	0.09	100	1660	98
FEB 01...	1305	80513	82913	10400	5.0	0.09	114	3200	55
MAR 08...	1230	80513	82913	3390	5.0	0.12	69	632	92
APR 06...	1050	80513	82913	1490	14.5	0.12	68	274	97
MAY 03...	1020	80513	82913	7890	13.5	0.06	529	11300	90
JUN 28...	1025	80513	82913	4400	26.5	0.12	123	1460	95
DATE	TIME	SED. SUSP. FALL DIAM. % FINER THAN (70343)	SED. SUSP. FALL DIAM. % FINER THAN (70344)	SED. SUSP. FALL DIAM. % FINER THAN (70345)	BED MAT. FALL DIAM. % FINER THAN (80158)	BED MAT. FALL DIAM. % FINER THAN (80159)	BED MAT. FALL DIAM. % FINER THAN (80160)	BED MAT. FALL DIAM. % FINER THAN (80161)	BED MAT. FALL DIAM. % FINER THAN (80162)
NOV 09...	1255	91	95	100	27	34	80	99	100
DEC 07...	1230	87	97	100	6	30	97	100	--
JAN 03...	1415	98	100	--	2	6	54	79	100
FEB 01...	1305	58	90	100	9	28	89	100	--
MAR 08...	1230	92	96	100	2	10	81	99	100
APR 06...	1050	97	100	--	2	9	69	100	--
MAY 03...	1020	92	98	100	13	31	82	100	--
JUN 28...	1025	98	100	--	10	28	91	100	--

ST FRANCIS RIVER BASIN

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07047900 ST. FRANCIS BAY AT RIVERFRONT

LOCATION.--Lat 35°15'34", long 90°40'48", in W1/2 sec.4, T.7 N., R.4 E., Cross County, Hydrologic Unit 08020203, at bridge on U.S. Highway 64 at Riverfront, 7.0 mi west of Parkin.

DRAINAGE AREA.--Indeterminate. Total drainage area of St. Francis River and St. Francis Bay, 6,475 mi².

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	OXYGEN, DIS- SOLVED (MG/L) (00300)
OCT 06.	0815	80513	82913	906	419	7.1	23.0	0.15	7.4
NOV 10.	0930	80513	82913	6370	219	7.8	14.0	0.09	7.4
DEC 08.	1020	80513	82913	5340	180	6.7	10.0	0.09	7.9
JAN 03.	1200	80513	82913	8000	219	8.3	3.0	0.09	7.9
FEB 02.	0935	80513	82913	10700	186	6.8	5.0	0.09	12.5
MAR 09.	1015	80513	82913	4730	195	7.8	5.0	0.12	7.8
APR 06.	1200	80513	82913	2340	266	7.0	15.0	0.12	5.8
MAY 03.	1200	80513	82913	10300	180	7.9	13.5	0.06	8.2
JUN 28.	1230	80513	82913	3830	201	7.2	26.5	0.12	7.7
JUL 28.	0945	80513	82913	6820	168	7.2	28.0	0.15	5.8
AUG 16.	1200	80513	82913	1390	298	7.0	29.0	0.15	7.5
SEP 13.	0815	80513	82913	594	303	7.7	30.0	0.15	7.1

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. FALL DIAM. % FINER THAN .062 MM (70342)	SED. SUSP. FALL DIAM. % FINER THAN .125 MM (70343)	SED. SUSP. FALL DIAM. % FINER THAN .250 MM (70344)	SED. SUSP. FALL DIAM. % FINER THAN .500 MM (70345)	BED MAT. FALL DIAM. % FINER THAN .062 MM (80158)
OCT 06.	0815	87	89	218	99	100	--	--	9
NOV 10.	0930	72	597	10300	84	88	98	100	66
DEC 08.	1020	70	152	2190	52	61	97	100	1
JAN 03.	1200	58	167	3610	37	42	93	100	0
FEB 02.	0935	98	128	3700	56	61	94	100	19
MAR 09.	1015	60	116	1480	69	69	92	100	17
APR 06.	1200	58	78	493	92	92	100	--	8
MAY 03.	1200	79	589	16400	87	88	97	100	11
JUN 28.	1230	96	150	1550	87	88	97	100	9
JUL 28.	0945	74	185	3410	93	98	99	100	26
AUG 16.	1200	98	61	229	92	100	--	--	19
SEP 13.	0815	94	71	114	96	100	--	--	0

DATE	TIME	BED MAT. FALL DIAM. % FINER THAN .125 MM (80159)	BED MAT. FALL DIAM. % FINER THAN .250 MM (80160)	BED MAT. FALL DIAM. % FINER THAN .500 MM (80161)	BED MAT. FALL DIAM. % FINER THAN 1.00 MM (80162)	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM (80169)	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM (80170)	BED MAT. SIEVE DIAM. % FINER THAN 8.00 MM (80171)
OCT 06.	0815	13	32	83	95	95	98	100
NOV 10.	0930	68	79	91	97	97	100	--
DEC 08.	1020	1	28	88	100	--	--	--
JAN 03.	1200	0	32	99	100	--	--	--
FEB 02.	0935	33	83	100	--	--	--	--
MAR 09.	1015	57	95	100	--	--	--	--
APR 06.	1200	50	97	100	--	--	--	--
MAY 03.	1200	29	80	100	--	--	--	--
JUN 28.	1230	32	88	100	--	--	--	--
JUL 28.	0945	70	96	99	100	--	--	--
AUG 16.	1200	28	68	96	100	--	--	--
SEP 13.	0815	0	37	97	100	--	--	--

ST FRANCIS RIVER BASIN

07047904 CLARK CORNER CUTOFF NEAR COLT

LOCATION.--Lat 35°08'41", long 90°39'23", in NW1/4NE1/4 sec.15, T.6 N., R.4 E., St. Francis County, Hydrologic Unit 080203, at bridge on Old Military Road 9.0 mi east of Colt.

PERIOD OF RECORD.--October 1977 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER- ATURE WATER (DEG C) (00010)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. FALL DIAM. % FINER THAN .062 MM (70342)
NOV									
10...	0750	80513	82913	5670	16.0	0.09	318	4870	99
DEC									
08...	1130	80513	82913	5910	10.0	0.09	82	1310	99
JAN									
03...	1515	80513	82913	8820	4.0	0.09	68	1620	94
FEB									
02...	0825	80513	82913	11200	5.0	0.09	73	2210	96
MAR									
09...	1135	80513	82913	4990	5.0	0.12	80	1080	92
APR									
06...	1340	80513	82913	1940	14.5	0.12	86	450	48
MAY									
04...	0915	80513	82913	10800	14.0	0.06	381	11100	100
JUN									
29...	0815	80513	82913	4480	26.5	0.12	112	1350	100

DATE	TIME	SED. SUSP. FALL DIAM. % FINER THAN .125 MM (70343)	SED. SUSP. FALL DIAM. % FINER THAN .250 MM (70344)	SED. SUSP. FALL DIAM. % FINER THAN .500 MM (70345)	BED MAT. FALL DIAM. % FINER THAN .062 MM (80158)	BED MAT. FALL DIAM. % FINER THAN .125 MM (80159)	BED MAT. FALL DIAM. % FINER THAN .250 MM (80160)	BED MAT. FALL DIAM. % FINER THAN .500 MM (80161)	BED MAT. FALL DIAM. % FINER THAN 1.00 MM (80162)
NOV									
10...	0750	99	100	--	93	94	98	100	--
DEC									
08...	1130	99	100	--	63	82	94	100	--
JAN									
03...	1515	94	96	100	53	95	100	--	--
FEB									
02...	0825	96	98	100	71	96	99	100	--
MAR									
09...	1135	92	98	100	2	2	21	93	100
APR									
06...	1340	48	72	100	1	1	40	95	100
MAY									
04...	0915	--	--	--	67	97	99	100	--
JUN									
29...	0815	--	--	--	7	9	70	100	--

ST FRANCIS RIVER BASIN

55

07047907 ST. FRANCIS RIVER AT MADISON

LOCATION.--Lat 35°00'38", long 90°43'05", in NE1/4SW1/4 sec.30, T.5 N., R.4 E., St. Francis County, Hydrologic Unit 08020203, at bridge on State Highway 50 at Madison.

PERIOD OF RECORD.--October 1977 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE (DEG C) (00010)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	SEDI- MENT, SUS- PENDED (MG/L) (80154)
OCT											
06...	0715	80513	82913	1010	411	7.0	23.0	0.12	7.6	90	76
NOV											
09...	1545	80513	82913	3120	220	7.8	15.5	0.09	8.7	88	159
DEC											
08...	1230	80513	82913	5540	169	6.8	10.0	0.09	9.6	85	93
JAN											
03...	1715	80513	82913	7980	200	7.4	4.0	0.09	7.6	58	134
FEB											
01...	1505	80513	82913	11500	186	6.9	5.0	0.09	12.0	95	85
MAR											
08...	1445	80513	82913	3580	205	7.7	5.0	0.09	7.2	56	90
APR											
07...	0745	80513	82913	2230	262	7.0	15.5	0.12	9.5	96	82
MAY											
04...	0755	80513	82913	10500	133	7.2	16.0	0.06	8.0	82	359
JUN											
28...	1415	80513	82913	4230	190	7.4	26.0	0.12	7.2	89	189
AUG											
18...	0800	80513	82913	982	310	7.1	29.0	0.12	7.2	95	50
SEP											
13...	0930	80513	82913	1020	298	7.9	30.0	0.12	7.1	94	73

DATE	TIME	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. FALL DIAM. % FINER THAN (70342)	SED. SUSP. FALL DIAM. % FINER THAN (70343)	SED. SUSP. FALL DIAM. % FINER THAN (70344)	SED. SUSP. FALL DIAM. % FINER THAN (70345)	BED MAT. FALL DIAM. % FINER THAN (80158)	BED MAT. FALL DIAM. % FINER THAN (80159)	BED MAT. FALL DIAM. % FINER THAN (80160)	BED MAT. FALL DIAM. % FINER THAN (80161)	BED MAT. FALL DIAM. % FINER THAN (80162)
OCT											
06...	0715	207	99	99	100	--	18	51	98	99	100
NOV											
09...	1545	1340	95	100	--	--	40	45	81	98	100
DEC											
08...	1230	1390	93	93	100	--	1	10	95	99	100
JAN											
03...	1715	2890	51	53	97	100	46	89	98	100	--
FEB											
01...	1505	2640	86	86	97	100	4	7	89	100	--
MAR											
08...	1445	870	94	94	96	100	50	79	99	100	--
APR											
07...	0745	494	99	99	100	--	9	37	95	99	100
MAY											
04...	0755	10200	99	99	100	--	83	97	99	100	--
JUN											
28...	1415	2160	89	91	96	100	89	97	99	100	--
AUG											
18...	0800	133	97	100	--	--	10	45	97	100	--
SEP											
13...	0930	201	98	100	--	--	32	68	99	99	100

ST FRANCIS RIVER BASIN

07047942 L'ANGUILLE RIVER NEAR COLT

LOCATION.--Lat 35°08'40", long 90°52'40", in NE1/4NW1/4 sec.15, T.6 N., R.2 E., St. Francis County, Hydrologic Unit 08020205, near center of span on downstream side of bridge on State Highway 306, 1.1 mi downstream from Lick Creek, 3.9 mi northwest of Colt, and at mile 52.8.

DRAINAGE AREA.--535 mi².

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is 192.52 ft above sea level.

REMARKS.--Water-discharge records fair, except for those below 10 ft³/s which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	6.9	203	815	1010	334	356	1650	598	67	319	105
2	24	7.3	198	755	903	307	303	1800	486	e65	283	98
3	17	9.1	188	693	835	280	252	1780	425	63	249	91
4	9.0	12	178	628	780	247	210	1810	354	94	219	106
5	4.2	15	168	573	728	237	178	1590	289	334	209	156
6	2.7	14	160	764	673	225	156	1350	228	422	190	145
7	2.3	14	148	995	622	271	128	1330	166	383	176	145
8	2.2	17	137	863	576	357	103	1180	116	383	171	149
9	1.8	18	339	897	532	304	85	1080	81	380	164	153
10	1.7	27	856	910	492	293	68	975	e50	358	174	160
11	1.7	33	1940	860	450	283	377	883	e45	324	191	165
12	1.7	22	3060	811	401	266	473	827	e40	278	202	165
13	2.6	10	3350	763	343	249	417	773	e40	225	208	159
14	3.4	3.8	3100	770	286	234	392	719	e40	174	219	148
15	2.8	2.9	2720	792	499	216	342	673	e45	144	238	141
16	1.9	3.2	2380	797	509	204	276	674	e50	117	256	127
17	1.6	4.7	2230	856	540	181	200	689	e55	99	270	117
18	1.5	5.4	2100	1780	584	147	117	705	e60	86	285	109
19	1.9	4.9	1970	3820	590	125	62	712	e60	64	295	102
20	2.5	4.5	1750	4110	569	107	219	687	e65	59	297	84
21	2.9	16	1660	4110	535	90	1060	649	e65	59	294	69
22	3.1	24	2640	3740	500	80	1330	602	e65	84	280	66
23	2.9	34	2470	3310	463	73	2340	543	e80	457	265	64
24	3.1	30	2440	2900	427	70	2500	473	273	534	250	62
25	3.5	21	2210	2540	390	68	2150	398	208	528	237	62
26	3.9	15	1880	2240	357	67	1740	340	244	545	223	61
27	4.3	27	1580	2010	370	577	1410	391	136	538	203	e60
28	4.6	90	1330	1760	372	518	1200	281	69	510	185	e58
29	4.9	139	1140	1540	---	463	1080	196	e64	469	170	e56
30	5.3	186	984	1350	---	448	1460	138	122	421	148	e54
31	6.1	---	879	1180	---	407	---	375	---	361	124	---
TOTAL	158.1	816.7	46388	49932	15336	7728	20984	26273	4619	8625	6994	3237
MEAN	5.10	27.2	1496	1611	548	249	699	848	154	278	226	108
MAX	27	186	3350	4110	1010	577	2500	1810	598	545	319	165
MIN	1.5	2.9	137	573	286	67	62	138	40	59	124	54
AC-FT	314	1620	92010	99040	30420	15330	41620	52110	9160	17110	13870	6420
CFSM	.01	.05	2.80	3.01	1.02	.47	1.31	1.58	.29	.52	.42	.20
IN.	.01	.06	3.23	3.47	1.07	.54	1.46	1.83	.32	.60	.49	.23

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 1995, BY WATER YEAR (WY)

	MEAN	302	706	1295	1044	1110	1090	1176	809	522	266	258	487
MAX	1509	2807	3145	2857	4091	2977	3428	3033	2617	1507	608	2784	
(WY)	1991	1989	1979	1991	1989	1975	1991	1983	1974	1994	1971	1978	
MIN	5.10	23.3	11.9	43.2	151	222	229	39.6	25.3	23.8	63.8	74.1	
(WY)	1995	1972	1990	1986	1972	1982	1992	1992	1988	1993	1980	1986	

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1971 - 1995

ANNUAL TOTAL	305675.8	191090.8	753	
ANNUAL MEAN	837	524	1321	1989
HIGHEST ANNUAL MEAN			271	1972
LOWEST ANNUAL MEAN			15000	Dec 29 1987
HIGHEST DAILY MEAN	5100	Jan 28	1.0	Oct 27 1971
LOWEST DAILY MEAN	1.5	Oct 18	1.0	Oct 9 1992
ANNUAL SEVEN-DAY MINIMUM	2.0	Oct 7	1.0	Apr 29 1991
INSTANTANEOUS PEAK FLOW		4430	16600	Dec 30 1987
INSTANTANEOUS PEAK STAGE		13.93	a17.34	Jul 20 1980
INSTANTANEOUS LOW FLOW		1.4	b.99	
ANNUAL RUNOFF (AC-FT)	606300	379000	545600	
ANNUAL RUNOFF (CFSM)	1.57	.98	1.41	
ANNUAL RUNOFF (INCHES)	21.25	13.29	19.13	
10 PERCENT EXCEEDS	2270	1580	1970	
50 PERCENT EXCEEDS	420	238	368	
90 PERCENT EXCEEDS	8.3	8.3	31	

^aFrom floodmark

^bAlso Oct. 18

^eEstimated

ST FRANCIS RIVER BASIN

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07047942 L'ANGUILLE RIVER NEAR COLT--CONTINUED

WATER-QUALITY RECORDS

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
OCT											
05.	1415	80513	80513	0.0	351	7.3	24.0	--	5.2	62	--
25.	1310	80513	81213	1.0	572	7.9	16.0	--	3.5	36	94
NOV											
09.	1350	80513	80513	21	205	7.5	15.0	--	5.9	59	--
DEC											
07.	1350	80513	82913	158	272	7.1	12.0	0.06	6.6	61	--
JAN											
03.	1630	80513	82913	680	181	7.2	4.0	0.06	7.1	54	--
24.	1245	80513	81213	2890	94	6.8	4.0	--	9.6	73	120
FEB											
01.	1405	80513	82913	1000	123	7.1	5.0	0.12	8.6	68	--
28.	1110	80513	81213	365	196	7.1	11.5	--	7.4	67	570
MAR											
08.	1345	80513	82913	352	191	7.5	5.0	0.12	7.8	60	--
APR											
07.	0855	80513	82913	132	175	7.2	16.0	0.12	6.5	66	--
26.	0850	80513	81213	1800	79	7.0	16.0	--	5.0	51	130
MAY											
04.	1035	80513	82913	1790	89	7.1	15.0	0.06	5.6	56	--
JUN											
29.	0900	80513	80513	40	189	7.1	26.5	--	6.0	75	--
JUL											
06.	1310	80513	81213	415	187	7.5	21.5	--	4.6	52	1700
27.	1515	80513	82913	536	288	7.2	28.0	0.15	--	--	--
AUG											
18.	0905	80513	82913	283	304	7.1	29.0	0.12	4.2	55	--
29.	1215	80513	81213	169	530	8.0	27.0	--	4.7	60	K40
SEP											
13.	1300	80513	80513	0.0	--	--	30.0	--	--	--	--
DATE	TIME	STREP- TOCOCCHI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)
OCT											
25.	1310	280	220	53	20	36	26	1	7.2	201	20
JAN											
24.	1245	240	35	8.8	3.1	3.9	18	0.3	3.4	41	5.3
FEB											
28.	1110	1000	71	18	6.3	8.2	19	0.4	4.5	64	9.8
APR											
26.	0850	1200	25	6.2	2.2	3.2	20	0.3	2.6	30	5.8
JUL											
06.	1310	>10000	71	17	6.8	6.8	16	0.4	3.8	82	8.7
AUG											
29.	1215	140	240	57	23	22	17	0.6	3.6	206	23
DATE	TIME	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)
OCT											
25.	1310	45	0.40	14	328	319	0.89	0.45	--	<0.010	0.040
JAN											
24.	1245	4.3	0.10	8.5	76	63	593	0.10	--	<0.010	0.110
FEB											
28.	1110	11	0.20	8.2	120	108	118	0.16	0.00	0.420	0.410
APR											
26.	0850	3.7	0.10	5.7	54	49	262	0.07	0.220	0.010	0.230
JUL											
06.	1310	8.3	0.20	9.6	106	114	119	0.14	0.480	0.080	0.560
AUG											
29.	1215	25	0.30	23	346	302	158	0.47	0.130	0.010	0.140
DATE	TIME	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	BORON, DIS- SOLVED (UG/L AS B) (01020)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)
OCT											
25.	1310	0.040	0.020	0.46	0.48	0.050	80	150	<0.5	<1.0	<5
JAN											
24.	1245	0.110	0.030	0.34	0.37	0.040	20	27	3	<1.0	<5
FEB											
28.	1110	0.410	0.320	0.60	0.92	0.040	20	56	0.6	<1.0	<5
APR											
26.	0850	0.230	0.100	0.42	0.52	0.060	20	25	1	<1.0	<5
JUL											
06.	1310	0.560	0.250	0.54	0.79	0.090	20	46	1	1.0	5
AUG											
29.	1215	0.140	0.030	0.29	0.32	0.090	30	110	<0.5	<1.0	<5

ST FRANCIS RIVER BASIN

07047942 L'ANGUILLE RIVER NEAR COLT--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
OCT											
25.	1310	<3	<10	14	<10	<4	2000	10	<10	<1.0	180
JAN											
24.	1245	<3	<10	370	<10	<4	15	<10	<10	<1.0	30
FEB											
28.	1110	<3	<10	440	<10	<4	100	<10	<10	<1.0	60
APR											
26.	0850	<3	<10	100	<10	<4	65	<10	<10	<1.0	20
JUL											
06.	1310	3	10	170	10	4	300	10	10	1.0	60
AUG											
29.	1215	<3	<10	4	<10	<4	190	<10	<10	<1.0	180

DATE	TIME	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SED. SUSP. FALL DIAM. % FINER THAN .062 MM (70342)	SED. SUSP. FALL DIAM. % FINER THAN .125 MM (70343)	SED. SUSP. FALL DIAM. % FINER THAN .250 MM (70344)	SED. SUSP. FALL DIAM. % FINER THAN .500 MM (70345)
OCT										
25.	1310	2	<4	26	0.07	92	--	--	--	--
DEC										
07.	1350	--	--	524	224	--	97	97	98	100
JAN										
03.	1630	--	--	66	121	--	90	90	95	100
24.	1245	<6	<4	57	445	95	--	--	--	--
FEB										
01.	1405	--	--	60	162	--	88	88	94	100
28.	1110	<6	<4	104	102	96	--	--	--	--
MAR										
08.	1345	--	--	183	174	--	99	99	100	--
APR										
07.	0855	--	--	226	81	--	99	100	--	--
26.	0850	<6	<4	147	714	98	--	--	--	--
MAY										
04.	1035	--	--	471	2280	--	58	73	95	100
JUL										
06.	1310	6	13	2410	2700	88	--	--	--	--
27.	1515	--	--	96	139	--	98	100	--	--
AUG										
18.	0905	--	--	121	92	--	99	100	--	--
29.	1215	<6	<4	141	64	99	--	--	--	--

DATE	TIME	BED MAT. FALL DIAM. % FINER THAN .062 MM (80158)	BED MAT. FALL DIAM. % FINER THAN .125 MM (80159)	BED MAT. FALL DIAM. % FINER THAN .250 MM (80160)	BED MAT. FALL DIAM. % FINER THAN .500 MM (80161)	BED MAT. FALL DIAM. % FINER THAN 1.00 MM (80162)	BED MAT. FALL DIAM. % FINER THAN 2.00 MM (80163)	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM (80169)	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM (80170)	BED MAT. SIEVE DIAM. % FINER THAN 8.00 MM (80171)
DEC										
07.	1350	94	97	99	99	100	--	--	--	--
JAN										
03.	1630	93	96	99	100	--	--	--	--	--
FEB										
01.	1405	96	97	99	100	--	--	--	--	--
MAR										
08.	1345	93	93	94	94	94	--	--	94	100
APR										
07.	0855	89	92	93	96	99	--	99	100	--
MAY										
04.	1035	92	95	95	96	96	100	--	--	--
JUL										
27.	1515	92	95	99	100	--	--	--	--	--
AUG										
18.	0905	96	100	--	--	--	--	--	--	--

WHITE RIVER BASIN

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07048700 WHITE RIVER NEAR GOSHEN

LOCATION.--Lat 36°06'21", long 94°00'41", in NE1/4NW1/4 sec.31, T.17 N., R.28 W., Washington County, Hydrologic Unit 11010001, at bridge on State Highway 45, 0.2 mi upstream from Richland Creek, and 1.2 mi west of Goshen.

DRAINAGE AREA.--412 mi².

PERIOD OF RECORD.--July 1969 to July 1973, April 1974 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
09...	1336	80513	80513	0.0	8.0	132	7.3	741	4.0	12.5	98
09...	1337	80513	80020	3.00	8.0	132	7.3	741	4.0	12.5	98
09...	1338	80513	81213	4.00	8.0	132	7.3	741	4.0	12.6	98
MAY											
23...	0650	80513	80513	0.0	18.0	82	7.1	738	22.0	8.3	98
23...	0651	80513	81213	3.00	18.0	82	7.1	738	22.0	8.3	98
23...	0653	80513	81213	8.00	16.0	81	7.0	738	21.5	8.2	97
AUG											
21...	1340	80513	80513	0.0	8.5	196	6.8	738	25.0	8.4	105
21...	1341	80513	81213	3.00	8.5	196	6.8	738	28.0	5.9	78
21...	1342	80513	81213	4.00	8.5	196	6.8	738	27.5	5.2	68

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
JAN											
09...	1336	0.98	K4	--	--	--	--	--	--	--	--
09...	1338	--	--	5	6.6	<2.0	49	16	2.2	7.7	25
MAY											
23...	0650	0.64	49	--	--	--	--	--	--	--	--
23...	0653	--	--	5	6.6	2.0	--	--	--	--	--
AUG											
21...	1340	0.85	35	--	--	--	--	--	--	--	--
21...	1342	--	--	10	20	3.5	--	--	--	--	--

DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L AS CL) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)
JAN											
09...	1338	0.5	1.7	34	16	7.5	71	0.11	0.030	0.810	0.200
MAY											
23...	0653	--	--	37	--	--	--	--	0.010	0.570	--
AUG											
21...	1342	--	--	86	--	--	--	--	0.010	0.020	--

DATE	TIME	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
JAN										
09...	1337	--	--	--	--	0.700	0.200	--	--	--
09...	1338	0.14	0.34	0.070	0.050	--	--	300	91	4
MAY										
23...	0651	--	--	--	--	2.00	2.00	--	--	--
23...	0653	--	--	<0.020	0.010	--	--	570	130	7
AUG										
21...	1341	--	--	--	--	0.100	--	--	--	--
21...	1342	--	--	0.020	0.010	--	--	480	1000	9

WHITE RIVER BASIN

07048800 RICHLAND CREEK AT GOSHEN

LOCATION.--Lat 36°06'10", long 94°00'25", in NW1/4NW1/4, sec.31, T.17 N., R.28 W., Washington County, Hydrologic Unit 11010001, at bridge on State Highway 45, 0.9 mi west of Goshen.

DRAINAGE AREA.--138 mi².

PERIOD OF RECORD.--May 1984 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN 09...	1420	80513	80020	0.0	1.0	460	8.4	742	8.0	14.2	124
MAY 23...	0715	80513	80513	0.0	6.0	121	7.2	738	20.0	8.0	91
23...	0716	80513	81213	3.00	6.0	120	7.2	738	20.0	7.8	89
AUG 21...	1425	80513	81213	0.0	3.0	230	7.5	738	32.0	9.2	131

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
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JAN 09...	1420	>0.30	K6	5	1.2	<2.0	69	24	2.1	2.9
MAY 23...	0715	0.61	>170	--	--	--	--	--	--	--
23...	0716	--	--	<5	6.1	<2.0	--	--	--	--
AUG 21...	1425	0.08	170	5	4.6	2.1	--	--	--	--

DATE	TIME	SODIUM AD- SORP- TION RATIO (00932)	SODIUM GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00610)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS (MG/L AS P) (00665)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L AS CL) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)
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JAN 09...	1420	8	0.2	1.2	54	12	5.0	80	0.11	<0.010
MAY 23...	0716	--	--	--	54	--	--	--	--	0.010
AUG 21...	1425	--	--	--	102	--	--	--	--	0.010

DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AM- MONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)
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JAN 09...	1420	0.770	0.010	<0.20	0.040	0.010	0.500	<0.100	60	16
MAY 23...	0716	0.570	--	--	<0.020	0.010	2.00	0.500	640	98
AUG 21...	1425	0.060	--	--	0.020	0.010	0.400	--	200	100

WHITE RIVER BASIN

07049000 WAR EAGLE CREEK NEAR HINDSVILLE

LOCATION.--Lat 36°12'02" long 93°51'20", in SW1/4SE1/4NE1/4, sec.28, T.18 N., R.27 W., Madison County, Hydrologic Unit 11010001, at bridge on State Highway 45, 3.9 mi north of Hindsville.

DRAINAGE AREA.--263 mi².

PERIOD OF RECORD.--Water years 1950-53, October 1993 to September 1994.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, IN CUBIC FEET PER SECOND (00060)	GAGE HEIGHT (FEET) (00065)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	OXYGEN, DIS- SOLVED (MG/L) (00300)
MAY 19..	0800	80513	80020	97	1.98	202	7.9	738	18.5	18.0	7.9
SEP 14..	1630	1028	80020	--	1.05	266	7.8	740	23.5	22.0	7.2
DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP- TOCOCCHI FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
MAY 19..	0800	87	--	98	58	74	84	0	31	1.7	3.5
SEP 14..	1630	87	--	58	80	K22	120	18	43	1.9	6.5
DATE	TIME	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT DIS TOT FET FIELD (MG/L AS MG/L AS) (00418)	CAR- BONATE WATER DIS IT FIELD (MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD (MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)
MAY 19..	0800	8	0.2	1.7	88	0	107	88	5.7	6.3	<0.10
SEP 14..	1630	11	0.3	2.4	98	0	118	97	4.4	11	<0.10
DATE	TIME	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITU- ENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN NITRIT DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	
MAY 19..	0800	3.6	113	112	29.7	0.15	--	<0.010	1.20	1.20	
SEP 14..	1630	7.3	145	139	--	0.20	0.950	0.010	0.960	0.960	
DATE	TIME	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHOPHOS- PHATE DIS- SOLVED (MG/L AS P) (00671)	ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, SUS- PENDED TOTAL (MG/L AS C) (00689)		
MAY 19..	0800	0.020	<0.20	<0.20	0.040	<0.010	0.020	3.0	0.3		
SEP 14..	1630	0.030	<0.20	<0.20	0.020	0.020	<0.010	1.2	0.3		
DATE	TIME	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)
MAY 19..	0800	<1	28	<0.5	<1.0	<5	<3	<10	28	<10	<4
SEP 14..	1630	<1	35	<0.5	<1.0	<5	<3	<10	9	<10	<4
DATE	TIME	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	SEDI- MENT, DIS- SOLVED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)
MAY 19..	0800	21	<10	<10	<1	<1.0	40	<6	<3	9	2.4
SEP 14..	1630	24	<10	<10	<1	<1.0	45	<6	<3	4	--
DATE	TIME	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DI- ELDRIN, DIS- SOLVED (UG/L) (39381)	LINDANE DIS- SOLVED (UG/L) (39341)	MALA- THION, DIS- SOLVED (UG/L) (39532)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	PARA- THION, DIS- SOLVED (UG/L) (39542)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,4,5-T DIS- SOLVED (UG/L) (39742)
MAY 19..	0800	90	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.05	<0.05

WHITE RIVER BASIN

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07049000 WAR EAGLE CREEK NEAR HINDSVILLE--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DATE	TIME	SILVEX, DIS- SOLVED (UG/L) (39762)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	BENTA- ZON, WATER, FLTRD, GF 0.7U (UG/L) (38711)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CHLOR- PYRIFOS DISS, SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	FONOFOS WATER, DISS, REC (UG/L) (04095)	P, P' DDE DISSOLV (UG/L) (34653)
MAY 19.	0800	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.00	<0.01	<0.01
DATE	TIME	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	METRI- BUZIN, SENCOR WATER, DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	DIMETH- OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)
MAY 19.	0800	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.03
DATE	TIME	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)
MAY 19.	0800	<0.04	<0.03	<0.00	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01
DATE	TIME	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- GARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
MAY 19.	0800	<0.01	<0.06	<0.01	<0.02	<0.05	<0.01	<0.00	<0.02	<0.01	<0.01
DATE	TIME	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALDI- CARB SULFONE WAT FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE WAT FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	AMIBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL FLTRD, GF 0.7U REC (UG/L) (49311)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)
MAY 19.	0800	<0.05	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DATE	TIME	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLORO- THALO- NIL, WAT, FLT GF 0.7U REC (UG/L) (49306)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	OCRESOL 4,6- DINITRO WAT, FLT GF 0.7U REC (UG/L) (49299)	DACTHAL MONO- ACID, WAT, FLT GF 0.7U REC (UG/L) (49304)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DINOSEB FLTRD, GF 0.7U REC (UG/L) (49301)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)
MAY 19.	0800	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DATE	TIME	ESFEN- VAL- ERATE, WAT, FLT GF 0.7U REC (UG/L) (49298)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	3HYDRXY CARBO- FURAN WAT, FLT GF 0.7U REC (UG/L) (49308)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)
MAY 19.	0800	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DATE	TIME	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	2,4-D, DIS- SOLVED (UG/L) (39732)	
MAY 19.	0800	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DATE	TIME	MALA- THION, DIS- SOLVED (UG/L) (39532)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	PARA- THION, DIS- SOLVED (UG/L) (39542)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,4,5-T DIS- SOLVED (UG/L) (39742)	SILVEX, DIS- SOLVED (UG/L) (39762)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)
MAY 19.	0800	<0.01	<0.01	<0.02	<0.05	<0.05	<0.05	<0.01	<0.01	<0.05	<0.01
DATE	TIME	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	FONOFOS WATER DISS REC (UG/L) (04095)	P, P' DDE DISSOLV (UG/L) (34653)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	METRI- BUZIN, SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)
MAY 19.	0800	<0.01	<0.01	<0.00	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01

WHITE RIVER BASIN

07049000 WAR EAGLE CREEK NEAR HINDSVILLE--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DATE	TIME	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	DIMETH- OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)
MAY 19.	0800	<0.01	<0.02	<0.01	<0.01	<0.03	<0.04	<0.03	<0.00	<0.01	<0.02
		MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	
MAY 19.	0800	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.06	<0.01	<0.02
		CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ACIFL- UORFEN WATER, FLTRD, GF 0.7 U REC (UG/L) (49315)	
MAY 19.	0800	<0.05	<0.01	<0.00	<0.02	<0.01	<0.01	<0.05	<0.02	<0.05	
		ALDI- CARB SULFONE WAT FLT GF 0.7 U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE WAT FLT GF 0.7 U REC (UG/L) (49314)	ALDI- CARB WATER, FLTRD, GF 0.7 U REC (UG/L) (49312)	AMIBEN, WATER, FLTRD, GF 0.7 U REC (UG/L) (49307)	BRO- MACIL, WATER, FLTRD, GF 0.7 U REC (UG/L) (49309)	BRO- MACIL, WATER, FLTRD, GF 0.7 U REC (UG/L) (49311)	MOXYNIL WATER, FLTRD, GF 0.7 U REC (UG/L) (49310)	CAR- BARYL, WATER, FLTRD, GF 0.7 U REC (UG/L) (49309)	CARBO- FURAN, WATER, FLTRD, GF 0.7 U REC (UG/L) (49306)	CHLORO- THALO- NIL, WAT FLT GF 0.7 U REC (UG/L) (49306)
MAY 19.	0800	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
		CLOPYR- ALID, WATER, FLTRD, GF 0.7 U REC (UG/L) (49305)	OCRESOL 4, 6- DINITRO WAT FLT GF 0.7 U REC (UG/L) (49299)	DACTHAL MONO- ACID, WAT FLT GF 0.7 U REC (UG/L) (49304)	DICAMBA WATER, FLTRD, GF 0.7 U REC (UG/L) (38442)	DICHLO- BENIL, WATER, FLTRD, GF 0.7 U REC (UG/L) (49303)	DICHLO- BENIL, WATER, FLTRD, GF 0.7 U REC (UG/L) (49302)	DINOSEB WATER, FLTRD, GF 0.7 U REC (UG/L) (49301)	DIURON, WATER, FLTRD, GF 0.7 U REC (UG/L) (49300)	ESFEN- VAL- ERATE, WAT FLT GF 0.7 U REC (UG/L) (49298)	
MAY 19.	0800	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
		FEN- URON, WATER, FLTRD, GF 0.7 U REC (UG/L) (49297)	FLUO- METURON WATER, FLTRD, GF 0.7 U REC (UG/L) (38811)	3HYDRXY CARBO- FURAN WAT FLT GF 0.7 U REC (UG/L) (49308)	LINURON WATER, FLTRD, GF 0.7 U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7 U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7 U REC (UG/L) (38487)	METHIO- CARB WATER, FLTRD, GF 0.7 U REC (UG/L) (38501)	METH- OMYL, WATER, FLTRD, GF 0.7 U REC (UG/L) (49296)	1-NAPH THOL, WATER, FLTRD, GF 0.7 U REC (UG/L) (49295)	
MAY 19.	0800	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
		NEB- URON, WATER, FLTRD, GF 0.7 U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7 U REC (UG/L) (49293)	ORY- ZALIN, WATER, FLTRD, GF 0.7 U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7 U REC (UG/L) (38866)	PIC- LORAM, WATER, FLTRD, GF 0.7 U REC (UG/L) (49291)	PRO- PHAM, WATER, FLTRD, GF 0.7 U REC (UG/L) (49236)	PRO- POXYR, WATER, FLTRD, GF 0.7 U REC (UG/L) (38538)	TRI- CLOPYR, WATER, FLTRD, GF 0.7 U REC (UG/L) (49235)	2, 4-D, DIS- SOLVED (UG/L) (39732)	
MAY 19.	0800	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
		AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	GAGE HEIGHT (FEET) (00065)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE OF (MM HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	OXYGEN, DIS- SOLVED (MG/L) (00300)
MAY 10.	1445	80513	80020	920	4.83	121	7.5	734	15.5	19.0	8.1
		OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
MAY 10.	1445	85	K320	K180	420	51	4	18	1.4	1.9	7
		SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT DIS TOT FET FIELD (MG/L AS CACO3) (00418)	CAR- BONATE WATER DIS IT FIELD (MG/L AS CACO3) (00452)	BICAR- BONATE WATER DIS IT FIELD (MG/L AS CACO3) (00453)	ALKA- LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)
MAY 10.	1445	0.1	1.4	47	0	57	46	3.7	2.3	<0.10	8.2

WHITE RIVER BASIN

65

07049000 WAR EAGLE CREEK NEAR HINDSVILLE--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DATE	TIME	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L) AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L) AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L) AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L) AS N) (00608)	NITRO- GEN, ORGANIC TOTAL (MG/L) AS N) (00605)
MAY 10.	1445	75	70	186	0.10	<0.010	1.10	1.10	0.020	0.18
DATE	TIME	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L) AS N) (00625)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L) AS N) (00623)	PHOS- PHORUS TOTAL (MG/L) AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L) AS P) (00666)	PHOS- PHORUS ORTHOR- THO, DIS- SOLVED (MG/L) AS P) (00671)	CARBON, ORGANIC DIS- SOLVED (MG/L) AS C) (00681)	CARBON, ORGANIC PENDED TOTAL (MG/L) AS C) (00689)	ALUM- INUM, DIS- SOLVED (UG/L) AS AL) (01106)	ARSENIC DIS- SOLVED (UG/L) AS AS) (01000)
MAY 10.	1445	0.20	<0.20	0.050	0.020	0.020	2.3	0.2	60	<1
DATE	TIME	BARIUM, DIS- SOLVED (UG/L) AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L) AS BE) (01010)	CADMIUM DIS- SOLVED (UG/L) AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L) AS CR) (01030)	COBALT, DIS- SOLVED (UG/L) AS CO) (01035)	COPPER, DIS- SOLVED (UG/L) AS CU) (01040)	IRON, DIS- SOLVED (UG/L) AS FE) (01046)	LEAD, DIS- SOLVED (UG/L) AS PB) (01049)	MANGA- NESE, DIS- SOLVED (UG/L) AS MN) (01056)
MAY 10.	1445	21	<1	<1.0	<1	<1	<1	53	<1	12
DATE	TIME	MOLYB- DENUM, DIS- SOLVED (UG/L) AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L) AS NI) (01065)	SELE- NIUM, DIS- SOLVED (UG/L) AS SE) (01145)	SILVER, DIS- SOLVED (UG/L) AS AG) (01075)	ZINC, DIS- SOLVED (UG/L) AS ZN) (01090)	SEDI- MENT, DIS- SOLVED (MG/L) (80154)	SEDI- MENT, DIS- SOLVED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)
MAY 10.	1445	<1	2	<1	<1.0	1	37	92	80	E0.00
DATE	TIME	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	LINDANE DIS- SOLVED (UG/L) (39341)	MALA- THION, DIS- SOLVED (UG/L) (39532)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	PARA- THION, DIS- SOLVED (UG/L) (39542)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)
MAY 10.	1445	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01
DATE	TIME	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	FONOFOS WATER DISS REC (UG/L) (04095)	P, P' DDE DISSOLV (UG/L) (34653)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	SI- CHLOR, WATER, DISS, REC (UG/L) (04035)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)
MAY 10.	1445	<0.00	<0.01	E0.00	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01
DATE	TIME	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)
MAY 10.	1445	<0.01	<0.01	<0.01	<0.01	<0.03	<0.04	<0.03	<0.00	<0.01
DATE	TIME	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)
MAY 10.	1445	E0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.06	<0.01
DATE	TIME	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
MAY 10.	1445	<0.02	<0.05	<0.01	E0.00	<0.02	<0.01	<0.01	<0.04	<0.02

WHITE RIVER BASIN

07049050 BEAVER LAKE AT WAR EAGLE

LOCATION.--Lat 36°16'03" long 93°56'35", in SW1/4SW1/4, sec.35, T.19 N., R.28 W., Benton County, Hydrologic Unit 11010001, at bridge on State Highway 303, at War Eagle.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN 10...	1330	80513	80020	0.0	<1.0	200	7.8	734	6.0	12.3	102
MAY 23...	0907	80513	81213	0.0	3.0	159	7.4	740	18.5	8.6	95
AUG 21...	1613	80513	81213	0.0	0.5	273	7.7	736	29.5	8.3	113

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
JAN 10...	1330	>0.30	33	5	1.4	<2.0	90	33	1.8	4.3
MAY 23...	0907	0.67	66	<5	3.8	2.3	--	--	--	--
AUG 21...	1613	>0.15	29	5	3.0	<2.0	--	--	--	--

DATE	TIME	SODIUM AD- SORP- TION RATIO (00932)	SODIUM PERCENT (00931)	POTAS- SIUM, SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, TOTAL (MG/L AS N) (00615)
JAN 10...	1330	9	0.2	1.3	78	6.5	7.1	101	0.14	<0.010
MAY 23...	0907	--	--	--	72	--	--	--	--	<0.010
AUG 21...	1613	--	--	--	110	--	--	--	--	0.010

DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)
JAN 10...	1330	1.40	0.010	<0.20	0.040	0.010	0.500	<0.100	110	11
MAY 23...	0907	1.20	--	--	0.040	0.010	19.0	2.00	210	24
AUG 21...	1613	0.770	--	--	0.020	0.010	0.200	--	140	51

WHITE RIVER BASIN

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07049200 BEAVER LAKE AT ROGERS WATER INTAKE NEAR LOWELL

LOCATION.--Lat 36°15'33" long 94°04'08", in NW1/4NE1/4, sec.4, T.18 N., R.29 W., Benton County, Hydrologic Unit 11010001, on Beaver Lake at Rogers water intake, 3.3 mi east of Lowell.

PERIOD OF RECORD.--April 1977 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
10...	0835	80513	80513	0.0	70.0	107	7.1	738	7.0	10.6	90
10...	0836	80513	80020	3.00	70.0	108	7.2	738	7.0	10.4	88
10...	0840	80513	81213	35.0	70.0	109	7.2	738	6.5	10.0	84
MAY											
23...	1008	80513	80513	0.0	80.0	81	8.0	740	22.5	10.1	120
23...	1009	80513	81213	3.00	80.0	81	8.1	740	22.5	10.1	120
23...	1013	80513	81213	40.0	80.0	89	7.2	740	15.5	6.1	63
AUG											
21...	0810	80513	80513	0.0	75.0	133	8.7	739	30.5	7.1	99
21...	0811	80513	81213	3.00	75.0	133	8.7	739	30.5	6.8	94
22...	0812	80513	81213	5.00	75.0	133	8.7	739	30.5	6.7	93
22...	0813	80513	81213	20.0	75.0	135	7.2	739	29.5	2.3	31

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- GOBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED AS CA (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
JAN										
10...	0835	1.30	K3	--	--	--	--	--	--	--
10...	0840	--	--	5	20	<2.0	49	17	1.7	2.6
MAY										
23...	1008	0.61	K1	--	--	--	--	--	--	--
23...	1013	--	--	40	21	2.0	--	--	--	--
AUG										
21...	0810	2.10	K6	--	--	--	--	--	--	--
22...	0812	--	--	10	1.0	<2.0	--	--	--	--
22...	0813	--	--	5	4.6	<2.0	--	--	--	--

DATE	TIME	SODIUM AD- SORP- TION RATIO (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)
JAN									
10...	0840	10	0.2	1.7	42	7.6	3.4	59	<0.010
MAY									
23...	1013	--	--	--	41	--	--	--	0.010
AUG									
22...	0812	--	--	--	55	--	--	--	0.010
22...	0813	--	--	--	56	--	--	--	0.010

DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)
JAN										
10...	0836	--	--	--	--	--	0.700	0.100	--	--
10...	0840	1.00	0.010	<0.20	0.040	0.020	--	--	350	61
MAY										
23...	1009	--	--	--	--	--	16.0	2.00	--	--
23...	1013	0.670	--	--	0.080	0.050	--	--	560	30
AUG										
21...	0811	--	--	--	--	--	0.200	--	--	--
22...	0812	0.020	--	--	0.020	0.010	--	--	20	19
22...	0813	0.020	--	--	0.020	0.010	--	--	170	400

WHITE RIVER BASIN

07049230 BEAVER LAKE AT MONTE NE

LOCATION.--Lat 36°16'56" long 94°04'30", in NE1/4SE1/4, sec.28, T.19 N., R.29 W., Benton County, Hydrologic Unit 11010001, Beaver Lake (Phillips Creek Arm), at Monte Ne.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE OF HG (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
10...	0905	80513	80513	0.0	4.0	153	5.3	739	6.5	11.0	92
10...	0906	80513	81213	2.00	4.0	154	6.1	739	6.5	10.8	90
10...	0910	80513	80020	3.00	4.0	153	5.7	739	6.5	10.9	91
MAY											
23...	0951	80513	80513	0.0	16.0	87	8.2	740	23.5	10.4	126
23...	0952	80513	81213	3.00	16.0	87	7.9	740	23.0	9.9	119
23...	0953	80513	81213	8.00	16.0	99	7.2	740	20.5	6.5	74
AUG											
22...	0836	80513	80513	0.0	7.0	139	8.6	740	30.5	7.6	105
22...	0837	80513	81213	3.00	7.0	139	8.6	740	30.5	7.6	105
22...	0838	80513	81213	4.00	7.0	139	8.6	740	30.5	7.2	99

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
JAN											
10...	0905	0.85	K5	--	--	--	--	--	--	--	--
10...	0906	--	--	10	9.8	<2.0	77	28	1.6	3.0	8
MAY											
23...	0951	0.70	K3	--	--	--	--	--	--	--	--
23...	0953	--	--	30	7.5	4.3	--	--	--	--	--
AUG											
22...	0836	1.80	K2	--	--	--	--	--	--	--	--
22...	0838	--	--	5	2.2	2.2	--	--	--	--	--

DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)
------	------	--	--	--	--	--	--	--	---	---

JAN										
10...	0906	0.1	1.7	64	6.9	4.0	84	0.14	0.010	1.50
MAY										
23...	0953	--	--	52	--	--	--	--	0.010	0.350
AUG										
22...	0838	--	--	53	--	--	--	--	0.010	0.020

DATE	TIME	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)
------	------	---	---	---	---	--	--	--	--	--

JAN										
10...	0906	0.030	0.19	0.22	0.060	0.020	--	--	180	40
10...	0910	--	--	--	--	--	0.900	0.200	--	--
MAY										
23...	0952	--	--	--	--	--	19.0	3.00	--	--
23...	0953	--	--	--	0.030	0.020	--	--	200	36
AUG										
22...	0837	--	--	--	--	--	0.100	--	--	--
22...	0838	--	--	--	0.020	0.010	--	--	50	38

WHITE RIVER BASIN

69

07049500 BEAVER LAKE AT HIGHWAY 12 BRIDGE NEAR ROGERS

LOCATION.--Lat 36°19'56" long 94°01'08", in SE1/4NW1/4, sec.12, T.19 N., R.29 W., Benton County, Hydrologic Unit 11010001, at bridge on State Highway 12, 5.3 mi east of Rogers.

DRAINAGE AREA.--1020 mi².

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
10...	1257	80513	80513	0.0	120	131	6.9	736	8.5	9.0	79
10...	1258	80513	80020	3.00	120	131	7.1	736	8.5	8.9	79
10...	1300	80513	81213	60.0	120	129	7.2	736	8.0	8.6	75
MAY											
23...	1037	80513	80513	0.0	124	103	8.7	740	21.5	11.0	128
23...	1038	80513	81213	3.00	124	104	8.6	740	21.5	10.9	127
23...	1040	80513	81213	62.0	144	100	7.4	740	13.0	5.8	57
AUG											
22...	0952	80513	80513	0.0	120	134	8.8	740	30.5	7.5	102
22...	0953	80513	81213	3.00	120	134	8.6	740	30.5	7.3	100
22...	0954	80513	81213	8.00	120	134	8.6	740	30.5	7.2	99
22...	0955	80513	81213	32.0	120	138	8.4	740	24.5	7.4	91

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL AS CACO3 (MG/L) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
JAN											
10...	1257	1.60	<1	--	--	--	--	--	--	--	--
10...	1300	--	--	5	13	<2.0	57	20	1.7	2.9	10
MAY											
23...	1037	1.20	K1	--	--	--	--	--	--	--	--
23...	1040	--	--	30	11	<2.0	--	--	--	--	--
AUG											
22...	0952	2.40	K4	--	--	--	--	--	--	--	--
22...	0954	--	--	5	1.5	<2.0	--	--	--	--	--
22...	0955	--	--	5	1.4	<2.0	--	--	--	--	--

DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L AS CL) (70301)	SOLIDS, DIS- SOLVED PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)
JAN										
10...	1300	0.2	1.9	46	7.3	3.6	65	0.11	<0.010	0.740
MAY										
23...	1040	--	--	36	--	--	--	--	<0.010	0.760
AUG										
22...	0954	--	--	56	--	--	--	--	0.010	0.020
22...	0955	--	--	52	--	--	--	--	0.010	0.020

DATE	TIME	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
JAN										
10...	1258	--	--	--	--	1.20	0.100	--	--	--
10...	1300	0.010	<0.20	0.030	0.020	--	--	210	61	<4
MAY										
23...	1038	--	--	--	--	17.0	3.00	--	--	--
23...	1040	--	--	0.050	0.030	--	--	310	23	<4
AUG										
22...	0953	--	--	--	--	0.200	--	--	--	--
22...	0954	--	--	0.020	0.010	--	--	30	18	--
22...	0955	--	--	0.020	0.010	--	--	40	12	--

WHITE RIVER BASIN

07049570 BEAVER LAKE ON PRAIRIE CREEK NEAR ROGERS

LOCATION.--Lat 36°20'48" long 94°04'57", in SW1/4NW1/4, sec.4, T.19 N., R.29 W., Benton County, Hydrologic Unit 11010001, on Beaver Lake (Prairie Creek Arm), 1.8 mi east of Rogers.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE OF HG (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED DIS- SOLVED (MG/L) (00300)	OXYGEN, (PER- CENT SATUR- ATION) (00301)
JAN											
10...	1020	80513	80513	0.0	8.0	139	7.6	747	7.5	10.4	88
10...	1021	80513	80020	3.00	8.0	156	7.6	747	7.0	10.5	89
10...	1025	80513	81213	4.00	8.0	154	7.5	747	7.0	10.6	89
MAY											
23...	1105	80513	80513	0.0	12.0	115	8.4	740	22.5	10.4	124
23...	1106	80513	81213	3.00	12.0	115	8.3	740	22.5	10.0	120
23...	1107	80513	81213	6.00	12.0	114	8.4	740	21.5	10.5	123
AUG											
22...	1039	80513	80513	0.0	4.5	139	9.0	740	30.5	7.5	104
22...	1040	80513	81213	2.00	4.5	139	8.5	740	30.5	7.4	102
22...	1041	80513	81213	3.00	4.5	139	8.7	740	30.5	7.4	102

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
JAN											
10...	1020	1.30	K1	--	--	--	--	--	--	--	--
10...	1025	--	--	<5	5.4	<2.0	67	24	1.7	3.1	9
MAY											
23...	1105	0.88	K7	--	--	--	--	--	--	--	--
23...	1107	--	--	5	1.8	5.1	--	--	--	--	--
AUG											
22...	1039	1.20	66	--	--	--	--	--	--	--	--
22...	1040	--	--	5	2.0	2.2	--	--	--	--	--

DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)
------	------	--	--	--	--	--	--	--	---	---

JAN										
10...	1025	0.2	1.8	66	7.1	3.8	81	0.12	<0.010	0.510
MAY										
23...	1107	--	--	40	--	--	--	--	0.010	0.380
AUG										
22...	1040	--	--	58	--	--	--	--	0.010	0.020

DATE	TIME	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)
------	------	---	---	---	---	--	--	--	--	--

JAN										
10...	1021	--	--	--	--	--	2.40	0.300	--	--
10...	1025	0.020	0.19	0.21	0.030	0.010	--	--	90	36
MAY										
23...	1106	--	--	--	--	--	8.00	0.400	--	--
23...	1107	--	--	--	0.020	0.010	--	--	50	22
AUG										
22...	1040	--	--	--	0.020	0.010	--	--	50	46
22...	1041	--	--	--	--	--	0.400	--	--	--

WHITE RIVER BASIN

71

07049590 BEAVER LAKE NEAR AVOCA

LOCATION.--Lat 36°22'18" long 94°03'54", in SE1/4SE1/4, sec.27, T.20 N., R.29 W., Benton County, Hydrologic Unit 11010001, on Beaver Lake (Avoca Hollow Arm), 2.2 mi south of Avoca.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER)	SAM- PLING DEPTH (FEET)	RESER- VOIR DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	BARO- METRIC PRES- SURE (MM OF HG)	TEMPER- ATURE OF WATER (DEG C)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
		(00027)	(00028)	(00003)	(72025)	(00095)	(00400)	(00025)	(00010)	(00300)
JAN										
10...	1050	80513	80513	0.0	8.0	135	7.4	747	7.5	10.3
10...	1051	80513	80020	3.00	8.0	136	7.5	747	7.5	10.3
10...	1055	80513	81213	4.00	8.0	136	7.5	747	7.5	10.3
MAY										
23...	1053	80513	80513	0.0	18.0	110	8.4	740	22.5	10.1
23...	1054	80513	81213	3.00	18.0	111	8.4	740	22.5	10.1
23...	1055	80513	81213	9.00	18.0	111	8.3	740	22.0	9.6
AUG										
22...	1022	80513	81213	0.0	3.0	132	8.7	740	29.5	7.6

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	HARD- NESS TOTAL (MG/L AS CACO3)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	SODIUM PERCENT (00932)
		(00078)	(31625)	(00080)	(00076)	(00310)	(00900)	(00915)	(00925)	(00930)	(00932)
JAN											
10...	1050	1.80	<1	--	--	--	--	--	--	--	--
10...	1055	--	--	5	5.1	<2.0	67	24	1.7	3.1	9
MAY											
23...	1053	1.10	K1	--	--	--	--	--	--	--	--
23...	1055	--	--	10	2.5	4.6	--	--	--	--	--
AUG											
22...	1022	>0.91	K3	5	1.0	<2.0	--	--	--	--	--

DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	SOLIDS, DIS- SOLVED (TONS PER AC-FT)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)
		(00931)	(00935)	(00410)	(00945)	(00940)	(70301)	(70303)	(00615)	(00630)
JAN										
10...	1055	0.2	1.8	64	7.0	3.8	80	0.11	<0.010	0.490
MAY										
23...	1055	--	--	44	--	--	--	--	0.010	0.390
AUG										
22...	1022	--	--	53	--	--	--	--	0.010	0.020

DATE	TIME	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS TOTAL (MG/L AS P)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN)
		(00610)	(00625)	(00665)	(70507)	(70953)	(70954)	(01045)	(01055)	(01092)
JAN										
10...	1051	--	--	--	--	2.20	0.300	--	--	--
10...	1055	0.020	<0.20	0.020	0.010	--	--	90	34	4
MAY										
23...	1054	--	--	--	--	23.0	1.00	--	--	--
23...	1055	--	--	0.020	0.010	--	--	50	14	--
AUG										
22...	1022	--	--	0.020	0.010	0.100	--	40	27	--

WHITE RIVER BASIN

07049690 BEAVER LAKE NEAR EUREKA SPRINGS

LOCATION.--Lat 36°25'15", long 93°50'50", in NW1/4NW1/4 sec.10, T.20 N., R.27 W., Carroll County, Hydrologic Unit 11010001, at dam on White River, 6.0 mi west of Eureka Springs, and at mile 609.0.

DRAINAGE AREA.--1,192 mi².

PERIOD OF RECORD.--Water years 1968-71, 1973, December 1973 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
OCT											
13...	1033	80513	0.0	186	152	8.2	733	20.0	8.8	101	4.30
13...	1034	80513	9.90	186	152	8.2	733	20.5	8.5	98	---
13...	1035	80513	20.0	186	152	8.3	733	20.0	8.4	97	---
13...	1036	80513	30.0	186	152	8.3	733	20.0	8.3	95	---
13...	1037	80513	40.1	186	152	7.7	733	19.5	7.7	87	---
13...	1038	80513	41.9	186	152	7.4	733	18.0	7.3	80	---
13...	1039	80513	44.1	186	151	7.4	733	17.0	7.7	83	---
13...	1040	80513	45.9	186	150	7.4	733	17.0	7.6	80	---
13...	1041	80513	50.1	186	150	7.3	733	15.0	7.0	72	---
13...	1042	80513	53.1	186	149	7.2	733	14.0	6.5	65	---
13...	1043	80513	59.9	186	148	7.1	733	13.0	5.5	54	---
13...	1044	80513	69.9	186	149	7.1	733	11.5	4.8	46	---
13...	1045	80513	80.0	186	148	7.0	733	11.0	4.5	42	---
13...	1046	80513	90.0	186	147	7.0	733	10.0	4.3	40	---
13...	1047	80513	100	186	145	7.0	733	9.5	4.1	37	---
13...	1048	80513	110	186	144	7.0	733	9.0	4.0	36	---
13...	1049	80513	120	186	143	6.9	733	8.5	3.5	31	---
13...	1050	80513	130	186	144	6.9	733	8.0	3.1	27	---
13...	1051	80513	140	186	145	6.9	733	8.0	2.7	23	---
13...	1052	80513	150	186	145	6.9	733	7.5	2.5	21	---
13...	1053	80513	160	186	147	6.9	733	7.5	2.1	18	---
13...	1054	80513	170	186	148	6.9	733	7.5	1.5	13	---
13...	1055	80513	180	186	149	6.8	733	7.5	0.9	8	---
13...	1056	80513	186	186	149	6.8	733	7.5	0.7	6	---
DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
OCT											
17...	1320	80513	0.0	187	148	8.1	731	20.0	9.0	103	5.20
17...	1321	80513	10.1	187	149	8.1	731	20.0	8.8	100	---
17...	1322	80513	19.5	187	149	8.1	731	20.0	8.6	99	---
17...	1323	80513	29.9	187	149	8.1	731	20.0	8.6	98	---
17...	1324	80513	40.0	187	148	8.1	731	20.0	8.5	97	---
17...	1325	80513	47.0	187	148	8.0	731	19.5	8.1	93	---
17...	1326	80513	49.9	187	147	7.5	731	17.0	7.7	84	---
17...	1328	80513	51.9	187	147	7.3	731	15.5	7.5	78	---
17...	1329	80513	55.1	187	147	7.2	731	14.5	6.8	70	---
17...	1330	80513	60.0	187	146	7.1	731	13.5	6.2	62	---
17...	1331	80513	65.0	187	146	7.1	731	12.5	5.4	53	---
17...	1332	80513	70.1	187	145	7.0	731	12.0	5.0	48	---
17...	1333	80513	75.0	187	146	7.0	731	11.5	4.7	47	---
17...	1334	80513	80.0	187	145	7.0	731	11.0	4.5	45	---
17...	1335	80513	89.8	187	144	7.0	731	10.5	4.5	42	---
17...	1336	80513	100	187	143	7.0	731	9.5	4.3	40	---
17...	1337	80513	110	187	141	7.0	731	9.0	4.2	38	---
17...	1338	80513	120	187	140	7.0	731	8.5	3.7	33	---
17...	1339	80513	130	187	140	6.9	731	8.0	3.2	28	---
17...	1340	80513	140	187	142	6.9	731	8.0	2.9	26	---
17...	1341	80513	150	187	143	6.9	731	7.5	2.6	22	---
17...	1342	80513	160	187	144	6.9	731	7.5	2.2	19	---
17...	1343	80513	170	187	145	6.9	731	7.5	1.4	12	---
17...	1344	80513	180	187	146	6.9	731	7.5	1.0	9	---
17...	1345	80513	187	187	148	6.9	731	7.5	0.6	6	---
DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
NOV											
02...	1308	80513	0.0	175	137	8.3	726	17.5	8.8	97	3.40
02...	1309	80513	10.0	175	139	8.4	726	17.5	8.8	97	---
02...	1310	80513	18.5	175	139	8.4	726	17.5	8.7	97	---
02...	1314	80513	30.2	175	141	8.4	726	17.5	8.7	96	---
02...	1315	80513	40.0	175	140	8.3	726	17.5	8.6	95	---
02...	1316	80513	50.2	175	142	8.3	726	17.5	8.6	94	---
02...	1317	80513	60.4	175	158	7.8	726	17.0	7.0	76	---
02...	1318	80513	63.1	175	146	7.3	726	15.0	5.4	56	---
02...	1319	80513	64.9	175	145	7.2	726	14.0	5.3	54	---
02...	1320	80513	69.8	175	145	7.1	726	13.0	4.6	45	---
02...	1321	80513	77.1	175	144	7.1	726	12.0	4.2	41	---
02...	1322	80513	79.8	175	144	7.1	726	11.5	4.0	39	---
02...	1323	80513	90.1	175	143	7.1	726	10.5	3.9	37	---
02...	1324	80513	100	175	142	7.0	726	10.0	3.9	36	---
02...	1326	80513	120	175	139	7.0	726	9.5	2.2	26	---
02...	1327	80513	130	175	139	7.0	726	8.5	2.2	20	---
02...	1328	80513	140	175	141	7.0	726	8.0	1.9	17	---
02...	1329	80513	150	175	141	7.0	726	7.5	1.8	16	---
02...	1330	80513	160	175	143	6.9	726	7.5	1.1	10	---
02...	1331	80513	170	175	144	6.9	726	7.5	0.5	4	---
02...	1332	80513	175	175	145	6.9	726	7.5	0.4	3	---

WHITE RIVER BASIN

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07049690 BEAVER LAKE NEAR EUREKA SPRINGS--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
NOV											
16...	1209	80513	0.0	192	149	7.6	760	16.0	8.1	82	5.60
16...	1210	80513	10.1	192	149	7.6	760	16.0	8.0	81	---
16...	1211	80513	20.0	192	149	7.6	760	16.0	8.0	81	---
16...	1212	80513	30.0	192	150	7.6	760	16.0	7.9	80	---
16...	1213	80513	40.2	192	150	7.6	760	16.0	7.8	79	---
16...	1214	80513	50.0	192	149	7.6	760	16.0	7.8	79	---
16...	1215	80513	60.1	192	149	7.6	760	15.5	7.8	79	---
16...	1217	80513	63.1	192	154	7.0	760	15.0	4.4	44	---
16...	1218	80513	65.0	192	149	6.8	760	14.0	3.6	35	---
16...	1219	80513	66.9	192	148	6.8	760	13.0	3.6	34	---
16...	1220	80513	70.0	192	149	6.8	760	12.5	3.7	34	---
16...	1221	80513	80.1	192	148	6.8	760	11.5	3.4	31	---
16...	1222	80513	90.1	192	147	6.8	760	10.5	3.3	30	---
16...	1223	80513	99.8	192	146	6.8	760	10.0	3.2	29	---
16...	1224	80513	110	192	144	6.7	760	9.5	3.1	27	---
16...	1225	80513	120	192	144	6.7	760	9.0	3.2	27	---
16...	1226	80513	130	192	143	6.7	760	8.5	2.3	20	---
16...	1227	80513	140	192	144	6.7	760	8.0	1.7	15	---
16...	1228	80513	150	192	144	6.6	760	8.0	1.3	11	---
16...	1229	80513	160	192	145	6.6	760	7.5	0.9	8	---
16...	1230	80513	170	192	147	6.6	760	7.5	0.6	5	---
16...	1231	80513	180	192	150	6.6	760	7.5	0.4	3	---
16...	1232	80513	190	192	153	6.7	760	7.5	0.4	3	---
16...	1233	80513	192	192	157	6.7	760	7.5	0.4	3	---

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
DEC											
07...	1054	80513	0.0	191	147	7.8	744	13.0	9.6	93	6.20
07...	1055	80513	10.1	191	147	7.9	744	13.0	9.6	93	---
07...	1056	80513	20.2	191	147	7.9	744	13.0	9.5	92	---
07...	1057	80513	30.2	191	147	7.9	744	13.0	9.4	92	---
07...	1058	80513	39.9	191	147	7.9	744	13.0	9.4	91	---
07...	1059	80513	50.3	191	147	7.9	744	13.0	9.4	91	---
07...	1100	80513	60.4	191	147	7.9	744	13.0	9.3	91	---
07...	1101	80513	70.3	191	147	7.9	744	13.0	9.2	90	---
07...	1102	80513	80.1	191	148	7.8	744	13.0	9.0	87	---
07...	1103	80513	90.3	191	145	7.4	744	11.0	2.2	20	---
07...	1104	80513	100	191	144	7.3	744	10.5	2.1	19	---
07...	1105	80513	110	191	143	7.2	744	10.0	2.1	19	---
07...	1106	80513	120	191	142	7.1	744	9.5	1.6	15	---
07...	1107	80513	130	191	141	7.1	744	9.0	1.1	10	---
07...	1108	80513	140	191	141	7.1	744	8.5	0.5	4	---
07...	1109	80513	150	191	142	7.0	744	8.5	0.1	1	---
07...	1110	80513	160	191	144	7.0	744	8.0	0.1	1	---
07...	1111	80513	170	191	146	7.0	744	8.0	0.1	1	---
07...	1112	80513	180	191	148	7.0	744	8.0	0.1	1	---
07...	1113	80513	190	191	151	7.0	744	7.5	0.1	1	---
07...	1114	80513	191	191	151	7.0	744	7.5	0.1	1	---

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
11...	1109	80513	80513	0.0	190	147	7.6	732	9.5	8.4	77
11...	1110	80513	80020	3.00	190	148	7.6	732	9.5	8.3	76
11...	1111	80513	80513	10.1	190	147	7.6	732	9.5	8.3	75
11...	1112	80513	80513	20.0	190	147	7.5	732	9.0	8.1	73
11...	1113	80513	80513	30.0	190	148	7.5	732	9.0	8.0	73
11...	1114	80513	80513	40.0	190	147	7.5	732	9.0	7.9	72
11...	1115	80513	80513	50.0	190	148	7.5	732	9.0	7.8	71
11...	1116	80513	80513	60.0	190	147	7.5	732	9.0	7.6	68
11...	1117	80513	80513	70.0	190	147	7.5	732	9.0	7.7	69
11...	1118	80513	80513	80.0	190	147	7.4	732	9.0	7.6	69
11...	1119	80513	80513	90.1	190	147	7.5	732	9.0	8.1	73
11...	1120	80513	81213	95.0	190	148	7.5	732	9.0	8.3	75
11...	1121	80513	80513	100	190	148	7.5	732	9.0	8.2	74
11...	1122	80513	80513	110	190	148	7.6	732	9.0	8.6	78
11...	1123	80513	80513	120	190	148	7.6	732	9.0	8.4	76
11...	1124	80513	80513	130	190	151	7.3	732	9.0	1.5	14
11...	1125	80513	80513	140	190	151	7.1	732	8.5	0.2	1
11...	1126	80513	80513	150	190	151	7.1	732	8.5	0.1	1
11...	1127	80513	80513	160	190	152	7.1	732	8.5	0.1	1
11...	1128	80513	80513	170	190	152	7.0	732	8.5	0.1	1
11...	1129	80513	80513	180	190	154	7.0	732	8.5	0.1	1
11...	1130	80513	80513	186	190	157	7.0	732	8.0	0.1	1

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM FECAL, 0.7 (PLAT- UM-MF (COLS./ 100 ML) (31625)	COLOR (INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
JAN											
11...	1109	3.30	<1	--	<5	--	69	24	2.1	2.5	7
11...	1120	--	--	--	1.2	<2.0	--	--	--	--	--

DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, TOTAL MG/L AS N (00615)	NITRO- GEN, NO2+NO3 TOTAL MG/L AS N (00630)
JAN										
11...	1120	0.1	1.4	60	6.9	3.0	76	0.10	<0.010	0.210

WHITE RIVER BASIN

07049690 BEAVER LAKE NEAR EUREKA SPRINGS--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

		NITRO-GEN, AMMONIA TOTAL (MG/L AS N) (00610)		NITRO-GEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)		PHOS-PHORUS TOTAL (MG/L AS P) (00665)		PHOS-PHORUS ORTHO TOTAL (MG/L AS P) (70507)		CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L) (70953)		CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L) (70954)		IRON, TOTAL RECOV-ERABLE (UG/L AS FE) (01045)		MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)		ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN) (01092)	
DATE	TIME																		
JAN	11.... 1110										0.300	<0.100			--	20	87		<4
JAN	11.... 1120																		
DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE) (00027)	SAM-PLING DEPTH (FEET) (00003)	RESER-VOIR DEPTH (FEET) (72025)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD) (UNITS) (00400)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED SATUR-ATION (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT) SATUR-ATION (MG/L) (00301)	TRANS-PAR-ENCY (SECCHI DISK) (M) (00078)								
MAR	21.... 1337	80513	0.0	189	145	7.5	733	12.5	10.3	100	4.90								
MAR	21.... 1339	80513	10.1	189	144	7.6	733	12.5	9.6	94	--								
MAR	21.... 1340	80513	20.0	189	144	7.6	733	11.5	10.3	98	--								
MAR	21.... 1341	80513	30.1	189	144	7.6	733	10.5	10.3	96	--								
MAR	21.... 1342	80513	40.2	189	143	7.6	733	9.0	10.4	94	--								
MAR	21.... 1343	80513	50.2	189	143	7.6	733	9.0	10.1	91	--								
MAR	21.... 1344	80513	60.1	189	142	7.5	733	8.0	10	88	--								
MAR	21.... 1345	80513	70.1	189	143	7.5	733	8.0	9.6	84	--								
MAR	21.... 1346	80513	79.9	189	143	7.4	733	7.5	9.6	84	--								
MAR	21.... 1347	80513	90.2	189	142	7.4	733	7.5	9.4	81	--								
MAR	21.... 1348	80513	100	189	143	7.4	733	7.5	9.4	81	--								
MAR	21.... 1349	80513	110	189	142	7.4	733	7.0	9.1	79	--								
MAR	21.... 1350	80513	120	189	142	7.4	733	7.0	9.0	77	--								
MAR	21.... 1351	80513	130	189	142	7.3	733	7.0	9.0	77	--								
MAR	21.... 1352	80513	141	189	142	7.3	733	7.0	9.1	78	--								
MAR	21.... 1353	80513	150	189	143	7.3	733	7.0	8.8	75	--								
MAR	21.... 1354	80513	160	189	143	7.3	733	7.0	8.8	76	--								
MAR	21.... 1355	80513	170	189	143	7.3	733	7.0	8.5	73	--								
MAR	21.... 1356	80513	180	189	143	7.2	733	7.0	8.1	69	--								
MAR	21.... 1357	80513	189	189	144	7.2	733	7.0	7.9	68	--								
DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE) (00027)	AGENCY ANA-LYZING SAMPLE (CODE) (00028)	SAM-PLING DEPTH (FEET) (00003)	RESER-VOIR DEPTH (FEET) (72025)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD) (UNITS) (00400)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED SATUR-ATION (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT) SATUR-ATION (MG/L) (00301)								
MAY	23.... 1326	80513	80513	0.0	200	136	8.0	740	22.0	9.3	109								
MAY	23.... 1327	80513	81213	3.00	200	131	8.1	740	22.0	9.3	110								
MAY	23.... 1329	80513	81213	100	200	114	7.7	740	9.0	8.6	77								
DATE	TIME	TRANS-PAR-ENCY (SECCHI DISK) (M) (00078)	COLI-FORM, FECAL, 07 UM-MF (COLS./100 ML) (31625)	COLOR (PLAT-INUM-COBALT) (COBALT) (00080)	TUR-BID-ITY (NTU) (00076)	OXYGEN DEMAND, BIO-CHEM-ICAL 5 DAY (MG/L) (00310)	ALKA-LINITY WAT WH TOT FET FIELD (MG/L AS CAC03) (00410)	NITRO-GEN, NITRATE TOTAL (MG/L AS N) (00615)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)										
MAY	23.... 1326		4.60	K4	--	<5	<0.40	<2.0	56	0.010	0.180								
MAY	23.... 1329		--	--	--	--	--	--	--	--	--								
DATE	TIME	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L) (70954)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE) (01045)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN) (01092)											
MAY	23.... 1327	--	--	8.00	0.300	--	--	--											
MAY	23.... 1329	0.020	<0.010	--	--	10	2	<4											
DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE) (00027)	SAM-PLING DEPTH (FEET) (00003)	RESER-VOIR DEPTH (FEET) (72025)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD) (UNITS) (00400)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED SATUR-ATION (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT) SATUR-ATION (MG/L) (00301)	TRANS-PAR-ENCY (SECCHI DISK) (M) (00078)								
JUL	12.... 1108	80513	0.0	190	150	8.0	743	29.5	7.7	104	5.60								
JUL	12.... 1109	80513	10.0	190	151	8.3	743	28.5	7.9	104	--								
JUL	12.... 1110	80513	15.0	190	149	8.5	743	27.5	8.3	109	--								
JUL	12.... 1111	80513	19.0	190	150	8.5	743	26.5	8.5	108	--								
JUL	12.... 1112	80513	20.0	190	149	8.5	743	26.0	8.7	110	--								
JUL	12.... 1113	80513	23.0	190	148	8.4	743	25.0	8.6	106	--								
JUL	12.... 1114	80513	25.0	190	151	8.3	743	23.5	8.7	105	--								
JUL	12.... 1115	80513	29.0	190	149	8.1	743	22.0	8.5	100	--								
JUL	12.... 1116	80513	30.0	190	149	8.0	743	21.0	8.3	96	--								
JUL	12.... 1117	80513	33.0	190	148	7.8	743	20.0	7.9	89	--								
JUL	12.... 1118	80513	36.0	190	147	7.7	743	18.5	7.1	78	--								
JUL	12.... 1119	80513	40.0	190	146	7.6	743	17.5	6.4	68	--								
JUL	12.... 1120	80513	45.0	190	147	7.5	743	16.5	5.5	58	--								
JUL	12.... 1121	80513	50.0	190	147	7.5	743	16.0	5.1	53	--								
JUL	12.... 1122	80513	60.0	190	148	7.5	743	15.5	5.3	54	--								
JUL	12.... 1123	80513	70.0	190	149	7.5	743	14.5	5.5	55	--								
JUL	12.... 1124	80513	80.0	190	147	7.5	743	13.0	5.2	51	--								
JUL	12.... 1125	80513	90.0	190	141	7.6	743	11.5	5.6	53	--								
JUL	12.... 1126	80513	100	190	135	7.6	743	10.0	5.9	54	--								
JUL	12.... 1127	80513	110	190	134	7.6	743	9.0	6.2	55	--								
JUL	12.... 1128	80513	120	190	135	7.6	743	8.5	6.3	55	--								
JUL	12.... 1129	80513	130	190	136	7.5	743	8.5	6.3	55	--								
JUL	12.... 1130	80513	140	190	136	7.6	743	8.5	6.2	54	--								
JUL	12.... 1131	80513	150	190	137	7.6	743	8.0	6.0	52	--								
JUL	12.... 1132	80513	160	190	138	7.5	743	8.0	5.8	50	--								
JUL	12.... 1133	80513	170	190	139	7.5	743	8.0	5.6	48	--								
JUL	12.... 1134	80513	180	190	139	7.5	743	8.0	5.5	47	--								
JUL	12.... 1135	80513	190	190	140	7.5	743	8.0	5.4	46	--								

WHITE RIVER BASIN

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07049690 BEAVER LAKE NEAR EUREKA SPRINGS--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	
AUG												
17...	1108	80513	0.20	185	152	8.3	742	30.5	7.4	101	4.40	
17...	1109	80513	10.0	185	152	8.3	742	30.5	7.3	101	---	
17...	1110	80513	19.9	185	152	8.3	742	30.5	7.3	100	---	
17...	1111	80513	23.0	185	152	8.3	742	29.5	8.2	110	---	
17...	1113	80513	24.1	185	151	8.4	742	28.5	8.8	117	---	
17...	1114	80513	24.9	185	149	8.4	742	27.5	9.4	123	---	
17...	1115	80513	26.1	185	148	8.4	742	26.5	9.7	125	---	
17...	1116	80513	27.0	185	148	8.3	742	25.5	9.8	124	---	
17...	1117	80513	28.0	185	148	8.2	742	24.5	9.5	118	---	
17...	1118	80513	28.9	185	148	8.0	742	23.5	9.0	109	---	
17...	1119	80513	30.0	185	148	7.9	742	23.0	8.4	101	---	
17...	1121	80513	30.9	185	148	7.6	742	22.0	7.9	93	---	
17...	1123	80513	33.0	185	148	7.4	742	21.0	7.3	85	---	
17...	1125	80513	35.1	185	148	7.3	742	20.5	6.5	74	---	
17...	1126	80513	37.1	185	148	7.1	742	19.5	5.6	63	---	
17...	1128	80513	40.0	185	147	7.1	742	18.5	5.0	55	---	
17...	1129	80513	46.0	185	148	7.0	742	17.5	3.6	39	---	
17...	1130	80513	49.9	185	147	7.1	742	17.0	3.2	34	---	
17...	1132	80513	59.0	185	145	7.1	742	16.0	3.0	31	---	
17...	1133	80513	60.0	185	146	7.1	742	16.0	3.2	34	---	
17...	1134	80513	70.0	185	146	7.2	742	15.0	3.5	35	---	
17...	1135	80513	80.0	185	144	7.2	742	14.0	3.5	35	---	
17...	1136	80513	90.0	185	144	7.2	742	13.5	3.8	37	---	
17...	1137	80513	99.0	185	140	7.2	742	12.5	4.0	38	---	
17...	1138	80513	100	185	140	7.2	742	12.0	4.0	38	---	
17...	1139	80513	108	185	135	7.1	742	11.5	4.1	39	---	
17...	1140	80513	110	185	134	7.1	742	11.0	4.2	39	---	
17...	1141	80513	120	185	131	7.1	742	10.0	4.2	38	---	
17...	1142	80513	130	185	130	7.1	742	9.5	4.1	37	---	
17...	1143	80513	140	185	130	7.1	742	9.0	3.9	35	---	
17...	1144	80513	150	185	133	7.1	742	8.5	3.7	33	---	
17...	1145	80513	160	185	135	7.1	742	8.5	3.5	30	---	
17...	1146	80513	170	185	136	7.1	742	8.0	3.0	26	---	
17...	1147	80513	180	185	138	7.1	742	8.0	2.6	23	---	
17...	1148	80513	185	185	138	7.1	742	8.0	2.5	22	---	
AUG												
DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
22...	1249	80513	80513	0.0	190	152	8.6	740	30.0	---	---	
22...	1250	80513	81213	3.00	190	151	8.7	740	30.0	---	---	
22...	1251	80513	81213	25.0	190	148	8.0	740	19.0	---	---	
22...	1252	80513	81213	100	190	131	7.4	740	8.5	---	---	
AUG												
DATE	TIME	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	ALKA- LITY WAT WH TOT FET FIELD CACOS (00410)				
22...	1249	7.6	104	3.20	K1	---	---	---				
22...	1250	7.5	103	---	---	5	0.60	2.0				
22...	1251	6.0	67	---	---	8	1.2	58				
22...	1252	4.4	39	---	---	---	---	51				
AUG												
DATE	TIME	NITRO- GEN NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN NO2+NO3 TOTAL (MG/L AS N) (00630)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	IRON, TOTAL RECOV- ERABLE (AS FE) (01045)	MANGA- NESE TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	ZINC, TOTAL RECOV- ERABLE (AS ZN) (01092)			
22...	1250	---	---	---	---	1.00	---	---	---			
22...	1251	0.010	0.160	0.020	0.010	---	10	5	20			
22...	1252	0.010	0.720	0.020	0.010	---	40	40	6			
SEP												
DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	
15...	0834	80513	0.0	183	150	8.4	748	25.0	8.1	100	4.80	
15...	0835	80513	10.0	183	149	8.5	748	25.0	8.1	100	---	
15...	0836	80513	20.0	183	150	8.5	748	25.0	8.0	100	---	
15...	0837	80513	30.0	183	150	8.5	748	25.0	8.0	99	---	
15...	0838	80513	32.0	183	150	7.9	748	24.0	6.4	78	---	
15...	0839	80513	33.0	183	150	7.6	748	23.0	5.4	64	---	
15...	0840	80513	35.0	183	147	7.2	748	21.5	4.3	50	---	
15...	0842	80513	38.1	183	147	7.1	748	20.5	3.4	38	---	
15...	0843	80513	40.0	183	147	7.0	748	20.0	3.1	34	---	
15...	0844	80513	43.0	183	146	7.0	748	18.5	2.3	25	---	
15...	0845	80513	48.0	183	147	7.0	748	17.5	1.9	20	---	
15...	0846	80513	50.0	183	147	7.0	748	17.0	1.6	17	---	
15...	0847	80513	59.9	183	145	7.0	748	16.0	1.8	19	---	
15...	0848	80513	70.0	183	145	7.1	748	15.5	2.3	24	---	
15...	0849	80513	80.0	183	144	7.1	748	14.5	2.6	26	---	
15...	0850	80513	89.9	183	141	7.1	748	13.5	2.7	27	---	
15...	0851	80513	100	183	137	7.1	748	12.5	3.0	29	---	
15...	0852	80513	110	183	133	7.1	748	11.5	3.1	29	---	
15...	0853	80513	120	183	129	7.0	748	10.5	2.8	25	---	
15...	0854	80513	130	183	128	7.0	748	9.5	2.5	22	---	
15...	0855	80513	140	183	130	7.0	748	9.0	2.2	19	---	
15...	0856	80513	150	183	131	7.0	748	8.5	1.8	16	---	
15...	0857	80513	160	183	133	7.0	748	8.5	1.3	11	---	
15...	0858	80513	170	183	136	7.0	748	8.5	0.7	6	---	
15...	0859	80513	180	183	138	7.0	748	8.0	0.4	3	---	
15...	0900	80513	183	183	139	7.0	748	8.5	0.1	1	---	

WHITE RIVER BASIN

07049690 BEAVER LAKE NEAR EUREKA SPRINGS--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
SEP											
25...	1152	80513	0.20	182	152	8.0	745	21.0	7.6	87	3.90
25...	1154	80513	10.1	182	152	8.0	745	21.0	7.5	87	---
25...	1155	80513	20.0	182	152	8.0	745	21.0	7.5	86	---
25...	1156	80513	30.0	182	152	8.0	745	21.0	7.5	86	---
25...	1158	80513	39.9	182	150	7.2	745	20.0	1.8	21	---
25...	1159	80513	41.0	182	147	7.0	745	19.0	1.0	11	---
25...	1200	80513	43.1	182	147	6.9	745	18.5	0.7	7	---
25...	1201	80513	45.0	182	147	6.9	745	18.0	0.7	8	---
25...	1202	80513	50.0	182	149	6.9	745	17.0	1.2	13	---
25...	1203	80513	60.0	182	147	7.0	745	16.0	1.5	15	---
25...	1204	80513	70.2	182	146	7.0	745	15.0	2.0	20	---
25...	1205	80513	80.2	182	146	7.0	745	14.5	2.3	23	---
25...	1206	80513	90.1	182	145	7.0	745	13.5	2.6	25	---
25...	1207	80513	100	182	141	7.0	745	12.5	2.8	27	---
25...	1208	80513	110	182	136	6.9	745	11.0	2.9	27	---
25...	1209	80513	120	182	133	6.9	745	10.0	2.6	23	---
25...	1210	80513	130	182	131	6.9	745	9.5	2.0	18	---
25...	1211	80513	140	182	132	6.9	745	9.0	1.8	16	---
25...	1212	80513	150	182	135	6.9	745	8.5	1.8	15	---
25...	1213	80513	160	182	135	6.8	745	8.5	1.5	13	---
25...	1214	80513	170	182	138	6.8	745	8.5	0.6	5	---
25...	1215	80513	180	182	140	6.8	745	8.5	0.4	3	---
25...	1216	80513	182	182	140	6.9	745	8.5	0.3	3	---

WHITE RIVER BASIN

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07049691 WHITE RIVER AT BEAVER DAM, NEAR EUREKA SPRINGS

LOCATION.--Lat 36°25'15", long 93°50'50", in NW1/4NW1/4 sec.10, T.20 N., R.27 W., Carroll County, Hydrologic Unit 11010001, at Beaver Dam, 6.0 mi west of Eureka Springs, and at mile 609.0.

DRAINAGE AREA.--1,192 mi².

PERIOD OF RECORD.--Water years 1946, 1950-53, October 1967 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
OCT										
13...	1118	80513	80513	152	7.3	740	10.0	7.6	70	--
17...	1415	80513	80513	142	7.4	736	11.5	8.5	80	--
NOV										
02...	1148	80513	80513	163	7.1	742	13.5	9.0	89	--
16...	1148	80513	80513	148	6.4	760	9.5	4.6	40	--
DEC										
07...	1031	80513	80513	147	7.0	742	8.5	7.9	69	--
JAN										
11...	1204	80513	81213	156	7.2	737	12.0	8.0	76	K1
MAR										
21...	1417	80513	80513	144	7.6	738	9.5	11.0	99	--
MAY										
23...	1408	80513	81213	127	7.7	745	11.0	9.4	87	K6
JUL										
12...	1157	80513	80513	142	7.8	744	15.0	10.0	102	--
AUG										
17...	1209	80513	80513	139	7.4	742	13.5	9.8	96	--
22...	1213	80513	81213	139	7.2	740	12.0	5.9	56	K13
SEP										
15...	0920	80513	80513	136	7.3	754	11.5	5.5	51	--
25...	1241	80513	80513	132	7.3	748	11.0	7.2	66	--

DATE	TIME	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
JAN									
11...	1204	120	4.3	<2.0	72	25	2.3	2.7	7
MAY									
23...	1408	<5	<0.60	2.2	63	22	1.9	2.8	9
AUG									
22...	1213	5	0.90	2.0	59	21	1.7	2.5	8

DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)
JAN									
11...	1204	0.1	1.5	72	7.1	3.2	85	0.11	--
MAY									
23...	1408	0.2	1.4	140	6.9	3.5	122	0.13	<0.010
AUG									
22...	1213	0.1	1.5	52	7.2	3.2	68	0.12	0.010

DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS TOTAL (MG/L AS P) (70507)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)
JAN									
11...	1204	--	--	--	--	--	--	30	<1
MAY									
23...	1408	0.290	0.030	--	<0.20	<0.020	<0.010	20	<1
AUG									
22...	1213	0.630	0.010	0.19	0.20	0.020	0.010	30	<1

DATE	TIME	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
JAN									
11...	1204	<1	1	40	1	830	<0.10	2	<4
MAY									
23...	1408	<1	<1	20	<1	18	0.10	<1	<4
AUG									
22...	1213	<1	<1	30	<1	40	0.10	<1	30

WHITE RIVER BASIN

07049693 WHITE RIVER AT CAMPGROUND E NEAR BUSCH

LOCATION.--Lat 36°25'15", long 90°29'05", in NW¼SE¼ sec.2, T.20 N., R.27 W., Carroll County, Hydrologic Unit 11010001, at Campground E, 2.2 mi downstream from Beaver Dam, and 2.5 mi south of Busch.

PERIOD OF RECORD.--May, 1991 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: May 1991 to current year.

DISSOLVED OXYGEN: May 1991 to current year.

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7.3	4.2	5.3	11.3	7.9	9.8	10.4	4.3	6.9	---	---	---
2	6.4	3.8	4.9	13.9	7.8	10.5	---	---	---	---	---	---
3	6.9	3.3	4.4	---	---	---	---	---	---	---	---	---
4	6.7	3.2	4.1	---	---	---	8.5	3.0	6.7	---	---	---
5	6.9	3.8	4.9	---	---	---	---	---	---	---	---	---
6	6.6	3.2	4.8	---	---	---	6.6	4.9	5.8	---	---	---
7	8.2	4.5	6.1	---	---	---	9.9	3.5	6.7	---	---	---
8	8.0	2.1	4.7	---	---	---	7.9	3.5	5.6	---	---	---
9	9.7	1.9	5.0	---	---	---	4.7	3.4	3.8	---	---	---
10	---	---	---	---	---	---	6.8	3.5	4.3	---	---	---
11	---	---	---	---	---	---	5.0	3.4	4.1	---	---	---
12	---	---	---	---	---	---	6.7	3.5	4.5	---	---	---
13	---	---	---	---	---	---	5.8	3.5	4.5	---	---	---
14	9.0	3.7	5.8	---	---	---	5.4	4.1	4.5	---	---	---
15	8.6	3.9	5.5	---	---	---	7.4	3.7	4.8	---	---	---
16	7.7	3.9	5.5	---	---	---	6.1	4.3	5.0	---	---	---
17	6.8	4.6	5.7	---	---	---	---	---	---	---	---	---
18	6.5	4.0	5.3	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	8.0	4.5	5.6	---	---	---
20	9.4	4.4	6.6	---	---	---	6.5	4.9	5.7	---	---	---
21	7.9	4.3	5.9	---	---	---	6.0	4.7	5.4	---	---	---
22	9.6	3.7	5.5	---	---	---	6.6	4.8	5.4	---	---	---
23	10.1	4.0	6.1	---	---	---	7.4	3.9	5.0	---	---	---
24	10.4	5.0	8.0	---	---	---	6.1	4.0	4.8	---	---	---
25	11.6	5.1	8.2	---	---	---	7.7	3.9	5.8	---	---	---
26	9.4	4.6	6.8	---	---	---	8.9	2.6	6.0	---	---	---
27	11.5	7.1	9.1	---	---	---	8.6	4.7	6.4	---	---	---
28	11.1	7.4	9.5	---	---	---	7.4	4.7	6.0	---	---	---
29	10.9	6.3	9.0	10.7	3.9	6.9	6.8	4.2	5.4	---	---	---
30	11.0	5.3	7.9	9.8	5.1	7.2	8.3	5.0	6.0	---	---	---
31	9.7	6.8	8.4	---	---	---	5.5	3.8	4.9	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
JUNE			JULY			AUGUST			SEPTEMBER			
1	---	---	---	---	---	---	8.6	7.0	7.6	9.4	3.0	4.8
2	---	---	---	---	---	---	7.8	6.9	7.4	9.9	3.4	5.0
3	---	---	---	---	---	---	7.6	6.7	7.1	9.9	2.4	4.9
4	---	---	---	9.5	8.0	8.5	7.3	6.6	6.9	10.5	4.3	6.2
5	---	---	---	9.7	7.0	8.0	7.2	6.2	6.5	9.6	3.2	5.2
6	---	---	---	11.1	6.6	7.7	7.0	5.9	6.3	9.9	3.9	5.6
7	---	---	---	10.3	6.9	7.8	---	---	---	9.6	3.3	5.3
8	---	---	---	11.9	7.1	8.2	8.1	4.6	5.2	9.2	3.0	5.6
9	---	---	---	11.8	6.7	8.1	8.2	4.6	5.3	10.3	2.7	5.5
10	---	---	---	10.9	7.1	8.3	6.6	4.8	5.5	10.2	2.7	5.5
11	---	---	---	12.4	7.7	8.9	9.5	4.7	5.6	9.6	3.8	5.6
12	---	---	---	10.8	7.3	8.4	8.5	4.6	5.4	9.7	3.4	5.7
13	---	---	---	9.5	6.7	7.8	8.3	4.5	5.2	9.1	3.0	5.0
14	---	---	---	11.1	6.8	7.7	9.7	4.5	5.4	5.7	3.2	4.0
15	---	---	---	12.4	6.8	8.5	9.3	4.3	5.3	6.9	3.6	5.4
16	---	---	---	10.5	6.5	7.7	8.6	4.4	5.2	8.2	4.2	6.0
17	---	---	---	12.7	6.6	8.8	9.2	4.3	5.6	7.0	3.7	5.1
18	---	---	---	12.2	7.1	8.3	10.8	3.8	5.3	8.2	4.5	5.7
19	---	---	---	10.5	6.5	7.6	9.4	4.1	5.7	6.9	3.5	4.8
20	---	---	---	10.1	6.3	7.5	9.7	4.1	5.6	8.4	3.0	5.0
21	---	---	---	10.2	6.7	7.6	7.1	4.0	5.1	7.8	4.1	5.2
22	---	---	---	9.2	6.9	8.0	7.6	3.5	5.0	9.8	4.1	5.9
23	---	---	---	9.8	5.5	7.6	7.0	4.1	5.1	8.2	4.4	5.9
24	---	---	---	11.8	6.8	8.4	6.5	3.7	4.3	7.3	5.8	6.6
25	---	---	---	11.5	7.7	8.9	11.5	3.5	5.0	8.2	4.3	5.9
26	---	---	---	9.7	7.9	8.7	11.0	4.2	6.1	7.8	3.9	5.3
27	---	---	---	11.4	7.5	8.5	11.1	4.7	6.0	9.6	4.3	6.7
28	---	---	---	10.8	7.5	8.6	9.8	3.5	5.1	8.6	3.5	4.8
29	---	---	---	11.2	7.7	8.7	10.3	3.0	4.8	7.0	2.9	4.1
30	---	---	---	9.0	7.5	8.3	9.9	3.4	5.4	9.0	2.6	4.9
31	---	---	---	9.8	7.0	8.1	8.0	2.8	4.5	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	10.5	2.4	5.4

WHITE RIVER BASIN

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07049693 WHITE RIVER AT CAMPGROUND E NEAR BUSCH--CONTINUED

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	14.2	4.5	9.5	---	---	---
2	---	---	---	---	---	---	14.2	7.9	10.3	---	---	---
3	---	---	---	---	---	---	11.0	9.7	10.3	---	---	---
4	---	---	---	---	---	---	17.0	9.7	11.9	---	---	---
5	---	---	---	---	---	---	11.1	7.3	9.6	---	---	---
6	---	---	---	---	---	---	11.3	8.7	10.2	---	---	---
7	---	---	---	---	---	---	16.4	9.5	11.3	---	---	---
8	---	---	---	---	---	---	10.5	7.4	9.7	---	---	---
9	---	---	---	---	---	---	10.4	9.9	10.3	---	---	---
10	---	---	---	---	---	---	16.8	9.6	11.1	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	14.5	9.2	10.7	---	---	---
13	---	---	---	---	---	---	14.9	8.0	10.2	---	---	---
14	---	---	---	---	---	---	11.0	10.0	10.6	---	---	---
15	---	---	---	---	---	---	16.1	7.2	10.6	---	---	---
16	---	---	---	---	---	---	13.1	9.4	10.7	---	---	---
17	---	---	---	---	---	---	18.2	8.9	11.2	---	---	---
18	---	---	---	---	---	---	16.5	7.4	10.6	---	---	---
19	---	---	---	---	---	---	15.3	7.1	10.8	---	---	---
20	---	---	---	---	---	---	11.0	8.5	9.9	---	---	---
21	---	---	---	---	---	---	10.0	8.6	9.3	---	---	---
22	---	---	---	---	---	---	9.7	8.4	9.4	---	---	---
23	---	---	---	---	---	---	12.3	6.9	8.9	---	---	---
24	---	---	---	---	---	---	9.3	4.8	7.5	---	---	---
25	---	---	---	---	---	---	14.0	5.6	8.8	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	12.9	5.2	9.0	---	---	---
28	---	---	---	---	---	---	9.8	6.6	8.5	---	---	---
29	---	---	---	---	---	---	9.9	6.1	8.9	---	---	---
30	---	---	---	13.0	6.8	9.4	14.0	6.6	9.0	---	---	---
31	---	---	---	---	---	---	10.1	6.0	8.9	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	---	---	---	10.4	9.4	9.7	11.7	10.6	11.0
2	---	---	---	---	---	---	9.8	9.3	9.6	13.7	10.7	11.2
3	---	---	---	---	---	---	9.9	9.4	9.6	13.0	10.7	11.2
4	---	---	---	10.0	8.8	9.4	10.0	9.3	9.6	15.7	10.8	11.8
5	---	---	---	11.0	9.0	9.5	11.5	9.6	10.0	13.7	10.8	11.3
6	---	---	---	13.1	9.1	9.7	13.3	9.8	10.4	14.4	10.8	11.5
7	---	---	---	12.4	9.1	9.7	---	---	---	12.8	10.8	11.2
8	---	---	---	13.2	9.0	10.0	14.0	9.6	10.3	11.8	10.7	11.2
9	---	---	---	13.7	9.0	10.1	12.9	9.7	10.2	14.2	10.8	11.4
10	---	---	---	12.1	8.9	9.5	10.3	9.6	9.9	14.2	10.1	11.3
11	---	---	---	13.6	9.0	9.9	13.8	9.8	10.4	13.5	10.2	11.1
12	---	---	---	13.1	9.0	9.7	13.0	9.9	10.3	13.7	10.8	11.5
13	---	---	---	10.9	9.1	9.5	13.0	9.9	10.4	13.8	10.7	11.4
14	---	---	---	12.3	9.3	9.7	14.0	10.0	10.6	12.3	10.1	10.9
15	---	---	---	13.9	9.2	10.4	14.1	10.0	10.7	11.9	10.3	11.2
16	---	---	---	11.6	9.2	9.7	13.5	10.1	10.6	11.8	10.9	11.2
17	---	---	---	13.6	9.4	10.4	13.2	10.1	10.6	14.0	10.5	12.1
18	---	---	---	13.9	9.3	10.0	13.1	10.4	10.8	13.5	10.9	11.9
19	---	---	---	10.6	9.3	9.5	13.5	10.3	10.8	11.8	10.7	11.2
20	---	---	---	10.5	9.1	9.6	13.5	10.3	10.8	11.4	10.6	11.0
21	---	---	---	11.4	9.3	9.6	11.2	9.7	10.5	10.9	9.8	10.6
22	---	---	---	10.4	9.5	9.8	11.4	10.3	10.6	12.7	8.7	10.3
23	---	---	---	11.5	9.2	9.8	11.1	10.2	10.5	14.0	8.9	11.3
24	---	---	---	13.7	9.2	10.1	10.9	9.3	10.6	12.6	8.9	11.1
25	---	---	---	11.7	9.3	9.7	14.4	10.5	11.1	11.9	10.0	10.6
26	---	---	---	11.1	9.5	9.9	14.1	10.6	11.3	12.1	10.3	11.0
27	---	---	---	13.8	9.4	10.0	14.1	10.4	11.2	14.0	10.3	11.7
28	---	---	---	13.6	9.3	10.0	13.4	10.4	10.9	13.5	10.8	11.1
29	---	---	---	15.0	9.4	10.3	14.2	10.6	11.1	11.4	10.6	10.9
30	---	---	---	11.4	9.5	10.1	13.4	10.5	11.0	14.5	10.9	11.7
31	---	---	---	13.9	9.3	10.7	12.3	10.6	11.0	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	15.7	8.7	11.2

WHITE RIVER BASIN

07050080 TABLE ROCK LAKE NEAR EAGLE ROCK, MISSOURI

LOCATION.--Lat 36°31'22" long 93°43'26", in SE1/4SW1/4, sec.14, T.21 N., R.26 W., Barry County, Missouri, Hydrologic Unit 11010001, on Table Rock Lake at bridge on State Highway 86, 4.7 mi southeast of Eagle Rock, Missouri.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
11.	0949	80513	80513	0.0	50.0	169	8.1	739	6.5	10.4
11.	0950	80513	80020	3.00	50.0	169	8.0	739	6.0	10.3
11.	0952	80513	81213	25.0	50.0	169	7.8	739	5.5	10.1
MAY										
24.	1611	80513	80513	0.0	60.0	191	8.6	746	22.5	11.7
24.	1612	80513	81213	3.00	60.0	191	8.6	746	22.5	11.7
24.	1613	80513	81213	30.0	60.0	149	7.9	746	13.5	9.7
AUG										
23.	1438	80513	80513	0.0	60.0	204	8.6	742	30.5	7.4
23.	1439	80513	81213	3.00	60.0	205	8.5	742	30.5	7.5
23.	1440	80513	81213	4.00	60.0	205	8.0	742	30.5	7.4
23.	1441	80513	81213	16.0	60.0	205	8.3	742	29.5	6.9

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
11.	0949	87	2.10	<1	--	--	--	--	--	--
11.	0950	85	--	--	--	--	--	--	--	--
11.	0952	83	--	--	5	1.3	<2.0	82	27	3.5
MAY										
24.	1611	139	83.0	K2	--	--	--	--	--	--
24.	1612	138	--	--	--	--	--	--	--	--
24.	1613	95	--	--	<5	1.2	<2.0	--	--	--
AUG										
23.	1438	102	2.50	<1	--	--	--	--	--	--
23.	1439	102	--	--	--	--	--	--	--	--
23.	1440	101	--	--	5	0.80	<2.0	--	--	--
23.	1441	93	--	--	5	1.0	<2.0	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
11.	0952	2.5	6	0.1	1.4	72	7.1	3.1	88	0.12

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JAN									
11.	0950	--	--	--	--	--	--	1.30	<0.100
11.	0952	0.010	0.350	0.020	<0.20	0.030	<0.010	--	--
MAY									
24.	1612	--	--	--	--	--	--	15.0	2.00
24.	1613	<0.010	0.220	--	--	<0.020	<0.010	--	--
AUG									
23.	1439	--	--	--	--	--	--	3.00	--
23.	1440	0.010	0.020	--	--	0.020	0.010	--	--
23.	1441	0.010	0.020	--	--	0.020	0.010	--	--

WHITE RIVER BASIN

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07050500 KINGS RIVER NEAR BERRYVILLE

LOCATION.--Lat 36°25'36", long 93°37'15", in SE1/4NE1/4 sec.3, T.20 N., R.25 W., Carroll County, Hydrologic Unit 11010001, on right bank at downstream side of bridge on State Highway 143, 1.5 mi downstream from Bee Creek, 2.5 mi upstream from Clabber Creek, 5.3 mi northwest of Berryville, and at mile 35.1.

DRAINAGE AREA.--527 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1939 to September 1975, October 1992 to September 1994 (discontinued as a continuous-record station, converted to a partial-record station). Annual maximum, water years 1976-92. Monthly discharge only for April 1939, published in WSP 1311.

GAGE.--Water-stage recorder. Datum of gage is 963.10 ft above sea level. Apr. 4 to July 11, 1939, nonrecording gage and July 12, 1939 to Sept. 30, 1951 water-stage recorder at site 5.0 mi upstram at datum 27.71 ft higher. Oct. 1, 1951 to Oct. 22, 1952 and July 18, 1975 to Sept. 30, 1975 nonrecording gage at present site and datum.

REMARKS.--Water-discharge records good, except for estimated daily discharges which are fair.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 4, 1927, reached a stage of about 38.0 ft, present site and datum, from information by local residents, discharge 62,000 ft³/s.

REVISIONS.--The maximum discharges for some water years have been revised as shown in the following table. These figures supersede figures published in the reports 1991-94.

Water Year	Date	Discharge (ft ³ /s)	Gage height (ft)	Water Year	Date	Discharge (ft ³ /s)	Gage height (ft)
1991	Apr. 19, 1991	15,100	17.73	1992	Oct. 29, 1991	11,100	14.73
1993	Jan. 5, 1993	9,580	13.51	1994	Nov. 14, 1993	14,100	16.96

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	e30	326	287	725	360	350	4280	357	167	45	12
2	24	30	298	269	664	344	327	4600	326	152	45	15
3	19	34	264	255	601	330	308	2660	2160	143	43	17
4	18	1140	244	238	546	318	292	2250	993	138	41	16
5	19	6180	248	225	491	316	277	1780	681	139	41	16
6	20	4000	216	222	450	318	264	1540	616	232	40	18
7	20	e2000	206	221	415	2100	252	3210	569	298	36	23
8	e200	e1200	328	215	385	3200	243	7220	473	226	37	22
9	e120	e2000	3020	209	357	1780	232	8930	423	181	52	21
10	e80	4200	2900	204	338	1280	243	3580	6460	151	43	20
11	e55	2400	e2100	198	321	1000	1770	2310	6180	130	35	18
12	e45	1390	e1500	198	301	840	3770	1680	3740	115	31	16
13	35	922	e1000	1700	278	735	1920	1310	2200	103	28	17
14	35	945	e820	e9800	285	662	1230	1500	1410	94	26	17
15	34	3800	600	3400	353	670	935	1550	1020	85	24	18
16	34	2370	579	2600	418	860	767	1010	774	76	24	46
17	31	1460	947	1830	464	719	660	813	613	71	22	97
18	31	1000	796	1480	456	630	690	691	507	83	21	97
19	30	e830	643	2010	422	570	719	729	432	76	21	75
20	e30	e740	572	2030	395	529	7970	599	379	71	21	64
21	e80	e1600	539	1790	372	486	5420	509	338	67	19	61
22	e45	e1400	528	1550	354	447	2400	448	303	66	17	54
23	e40	660	534	1310	335	414	2130	398	275	70	18	46
24	e35	586	517	1110	317	382	2350	441	264	69	21	41
25	e35	503	475	1030	300	354	1790	881	247	73	18	39
26	e30	446	434	1090	285	344	1370	527	259	73	17	38
27	e30	405	400	1190	347	404	1120	521	240	72	16	38
28	e30	418	370	1240	368	557	908	602	219	66	14	37
29	e25	741	344	1100	---	476	1020	558	199	59	13	35
30	e25	404	321	910	---	412	2010	457	183	53	13	34
31	e25	---	301	802	---	376	---	392	---	47	12	---
TOTAL	1304	43834	22370	40713	11343	22213	43737	57976	32840	3446	854	1068
MEAN	42.1	1461	722	1313	405	717	1458	1870	1095	111	27.5	35.6
MAX	200	6180	3020	9800	725	3200	7970	8930	6460	298	52	97
MIN	18	30	206	198	278	316	232	392	183	47	12	12
AC-FT	2590	86940	44370	80750	22500	44060	86750	115000	65140	6840	1690	2120
CFSM	.08	2.77	1.37	2.49	.77	1.36	2.77	3.55	2.08	.21	.05	.07
IN.	.09	3.09	1.58	2.87	.80	1.57	3.09	4.09	2.32	.24	.06	.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1995, BY WATER YEAR (WY)

	MEAN	202	591	504	582	827	1011	1235	1283	511	212	112	128
MAX	1471	2330	2100	2119	2792	3472	5184	4570	2494	1252	923	789	
(WY)	1971	1975	1969	1950	1951	1945	1945	1961	1957	1960	1950	1970	
MIN	1.49	6.14	14.0	12.9	35.7	94.3	128	199	38.2	9.21	1.08	4.25	
(WY)	1964	1964	1964	1964	1964	1972	1963	1963	1972	1954	1954	1953	

SUMMARY STATISTICS

	FOR 1994 CALENDAR YEAR				FOR 1995 WATER YEAR				WATER YEARS 1939 - 1995			
ANNUAL TOTAL	230692				281698							
ANNUAL MEAN	632				772				596			
HIGHEST ANNUAL MEAN									1251			
LOWEST ANNUAL MEAN									88.3			
HIGHEST DAILY MEAN	6180				9800				37300			
LOWEST DAILY MEAN	18				12				.20			
ANNUAL SEVEN-DAY MINIMUM	21				14				.40			
INSTANTANEOUS PEAK FLOW					15600				66000			
INSTANTANEOUS PEAK STAGE					a18.10				38.91			
INSTANTANEOUS LOW FLOW					11				.10			
ANNUAL RUNOFF (AC-FT)	457600				558700				4318			
ANNUAL RUNOFF (CFSM)	1.20				1.46				1.13			
ANNUAL RUNOFF (INCHES)	16.28				19.88				15.37			
10 PERCENT EXCEEDS	1720				2010				1380			
50 PERCENT EXCEEDS	258				344				176			
90 PERCENT EXCEEDS	33				24				20			

^aFrom floodmark

^bAlso Oct. 28, 1954

^eEstimated

WHITE RIVER BASIN

07050500 KINGS RIVER NEAR BERRYVILLE--CONTINUED
WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1953 to September 1960, October 1971 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	GAGE HEIGHT (FEET) (00065)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	OXYGEN, DIS- SOLVED (MG/L) (00300)
OCT 18.	1315	80513	80020	31	2.73	398	7.9	739	19.5	20.5	8.1
NOV 15.	1130	80513	80020	4180	8.56	162	7.5	748	14.0	--	9.4
DEC 06.	0740	80513	80020	47	3.59	237	8.1	744	11.5	--	9.8
JAN 10.	1100	80513	80020	203	3.53	249	8.5	740	5.5	12.0	8.0
14.	1330	80513	80020	13800	16.81	105	8.1	736	8.5	17.0	9.9
FEB 15.	1145	80513	80020	352	3.93	256	8.0	738	6.0	16.0	12.2
MAR 22.	0725	80513	80020	454	4.14	198	7.9	732	14.5	19.5	9.4
APR 12.	0655	80513	80020	4550	8.94	134	8.3	743	12.0	11.0	9.5
MAY 09.	1025	80513	80020	9980	13.84	129	7.7	733	14.0	17.0	9.2
JUN 06.	0940	80513	80020	643	4.50	222	8.0	735	20.5	22.0	7.9
06.	1006	80513	80020	--	4.50	222	8.0	735	20.5	22.0	7.9
JUL 11.	1100	80513	80020	130	3.27	265	8.3	743	27.5	32.0	7.4
AUG 22.	1300	80513	80020	17	2.57	363	8.3	746	30.0	26.5	8.7
DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
OCT 18.	1315	91	K6	K110	110	140	0	39	10	27	29
NOV 15.	1130	93	K1600	1200	4000	78	12	25	3.7	1.8	5
DEC 06.	0740	92	K12	K8	100	110	8	34	7.3	3.5	6
JAN 10.	1100	65	41	27	K4	110	0	33	7.3	5.0	9
14.	1330	88	K1800	1400	K5700	47	4	14	2.8	1.1	5
FEB 15.	1145	101	150	41	240	110	0	33	7.8	6.0	10
MAR 22.	0725	95	24	K13	20	95	6	29	5.6	3.0	6
APR 12.	0655	90	K2900	6900	5000	65	8	21	3.1	1.5	5
MAY 09.	1025	93	1500	910	6700	61	0	19	3.3	1.2	4
JUN 06.	0940	91	960	710	1800	100	0	31	5.7	3.7	7
06.	1006	91	960	710	1800	100	0	32	5.8	3.6	7
JUL 11.	1100	96	28	K16	34	120	0	37	6.9	6.9	11
AUG 22.	1300	119	25	23	33	130	0	35	9.3	26	30
DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT DIS TOT FET FIELD MG/L AS CACO3 (00418)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)
OCT 18.	1315	1	3.8	181	0	223	182	6.6	16	<0.10	6.3
NOV 15.	1130	0.1	1.3	66	0	80	66	4.6	3.2	<0.10	8.5
DEC 06.	0740	0.1	1.3	105	0	130	107	5.7	4.6	<0.10	4.5
JAN 10.	1100	0.2	1.2	112	0	137	112	6.1	5.0	<0.10	2.4
14.	1330	0.1	1.4	43	0	52	43	3.6	1.7	<0.10	6.5
FEB 15.	1145	0.2	1.3	114	0	140	114	6.1	4.9	<0.10	3.0
MAR 22.	0725	0.1	1.2	89	0	109	89	5.4	3.2	<0.10	3.1
APR 12.	0655	0.1	1.1	59	0	70	58	3.9	1.8	<0.10	7.6
MAY 09.	1025	0.1	1.2	66	0	81	66	3.3	1.6	<0.10	7.7
JUN 06.	0940	0.2	1.6	106	0	129	106	4.4	3.3	<0.10	6.3
06.	1006	0.2	1.7	106	0	129	106	4.5	3.4	<0.10	6.4
JUL 11.	1100	0.3	1.8	124	0	152	125	5.4	5.5	0.10	8.7
AUG 22.	1300	1	4.0	154	0	191	156	4.9	16	<0.10	11

WHITE RIVER BASIN

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07050500 KINGS RIVER NEAR BERRYVILLE--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)
OCT 18.	1315	215	222	18.0	0.29	--	<0.010	0.050	0.050	0.030	--
NOV 15.	1130	97	90	1090	0.13	--	<0.010	0.600	0.600	<0.015	0.40
DEC 06.	0740	130	127	16.5	0.18	--	<0.010	0.400	0.400	<0.015	--
JAN 10.	1100	136	130	74.5	0.18	--	<0.010	0.420	0.420	<0.015	--
JAN 14.	1330	66	60	2460	0.09	--	<0.010	0.650	0.650	0.020	--
FEB 15.	1145	141	135	134	0.19	--	<0.010	0.650	0.650	<0.015	--
MAR 22.	0725	104	105	127	0.14	--	<0.010	0.200	0.200	<0.015	--
APR 12.	0655	86	76	1060	0.12	0.250	0.020	0.270	0.270	0.020	0.58
MAY 09.	1025	80	80	2160	0.11	--	<0.010	0.500	0.500	0.020	0.38
JUN 06.	0940	124	122	215	0.17	--	<0.010	0.520	0.520	0.040	--
JUN 06.	1006	121	124	--	0.16	--	<0.010	0.510	0.510	0.020	--
JUL 11.	1100	148	148	51.9	0.20	--	<0.010	0.220	0.220	0.020	--
AUG 22.	1300	205	203	9.41	0.28	--	<0.010	--	<0.050	<0.015	0.30

DATE	TIME	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTH- DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDE TOTAL (MG/L AS C) (00689)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)
OCT 18.	1315	--	<0.20	<0.20	0.960	0.890	1.00	1.8	0.4	20	1
NOV 15.	1130	--	0.40	<0.20	0.090	0.030	0.030	3.7	0.8	--	--
DEC 06.	0740	--	<0.20	<0.20	0.060	0.040	0.040	1.0	0.1	10	<1
JAN 10.	1100	--	<0.20	<0.20	0.090	0.090	0.100	1.0	0.1	--	--
JAN 14.	1330	0.28	<0.20	0.30	0.020	0.030	0.030	4.6	1.1	230	<1
FEB 15.	1145	--	<0.20	<0.20	0.250	0.260	0.250	1.2	0.2	20	<1
MAR 22.	0725	--	<0.20	<0.20	0.090	0.060	0.070	0.9	0.2	--	--
APR 12.	0655	--	0.60	<0.20	0.110	0.010	0.020	3.6	0.7	130	<1
MAY 09.	1025	--	0.40	<0.20	0.080	0.030	0.030	2.8	0.3	--	--
JUN 06.	0940	--	<0.20	<0.20	0.180	0.170	0.180	1.7	0.2	40	1
JUN 06.	1006	--	<0.20	<0.20	0.170	0.160	0.180	--	--	10	<1
JUL 11.	1100	--	<0.20	<0.20	0.110	0.140	0.120	1.5	0.2	--	--
AUG 22.	1300	--	0.30	<0.20	0.800	0.820	0.800	2.1	0.5	10	2

DATE	TIME	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	CADMIUM, DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)
OCT 18.	1315	28	<1	<1.0	3	<1	<1	12	<1	9
NOV 15.	1130	--	--	--	--	--	--	110	--	4
DEC 06.	0740	23	<1	<1.0	<1	<1	<1	19	<1	4
JAN 10.	1100	--	--	--	--	--	--	8	--	3
JAN 14.	1330	16	<1	<1.0	<1	<1	<1	170	<1	8
FEB 15.	1145	24	<1	<1.0	1	<1	<1	13	<1	5
MAR 22.	0725	--	--	--	--	--	--	27	--	7
APR 12.	0655	17	<1	<1.0	2	<1	<1	130	<1	5
MAY 09.	1025	--	--	--	--	--	--	76	--	6
JUN 06.	0940	24	<1	<1.0	<1	<1	2	35	<1	9
JUN 06.	1006	12	11	6.0	7	8	15	37	9	15
JUL 11.	1100	--	--	--	--	--	--	4	--	6
AUG 22.	1300	26	<1	<1.0	1	<1	<1	9	<1	11

WHITE RIVER BASIN

07050500 KINGS RIVER NEAR BERRYVILLE--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)
OCT 18.	1315	2	3	<1	<1.0	1	16	1.3	72	--
NOV 15.	1130	--	--	--	--	--	65	734	90	--
DEC 06.	0740	<1	<1	<1	<1.0	<1	4	0.51	68	--
JAN 10.	1100	--	--	--	--	--	6	3.3	48	--
JAN 14.	1330	<1	1	<1	<1.0	<1	258	9610	77	--
FEB 15.	1145	<1	2	<1	<1.0	<1	3	2.9	65	--
MAR 22.	0725	--	--	--	--	--	6	7.4	62	--
APR 12.	0655	<1	<1	<1	<1.0	3	156	1920	84	<0.02
MAY 09.	1025	--	--	--	--	--	165	4450	63	<0.00
JUN 06.	0940	<1	2	<1	<1.0	2	32	56	91	EO.00
JUN 06.	1006	14	8	<1	1.0	7	--	--	--	--
JUL 11.	1100	--	--	--	--	--	31	11	86	--
AUG 22.	1300	<1	1	<1	<1.0	8	38	1.7	90	--
DATE	TIME	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DI- ELDRIN, DIS- SOLVED (UG/L) (39381)	LINDANE DIS- SOLVED (UG/L) (39341)	MALA- THION, DIS- SOLVED (UG/L) (39532)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	PARA- THION, DIS- SOLVED (UG/L) (39542)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)
APR 12.	0655	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01
MAY 09.	1025	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00
JUN 06.	0940	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00
DATE	TIME	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	FONOFOS WATER DISS REC (UG/L) (04095)	P, P' DDE DISSOLV (UG/L) (34653)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)
APR 12.	0655	<0.00	<0.01	<0.00	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01
MAY 09.	1025	<0.00	<0.00	<0.00	<0.00	<0.01	<0.02	<0.01	<0.00	<0.00
JUN 06.	0940	EO.00	<0.00	EO.00	<0.00	<0.01	EO.00	<0.01	<0.00	<0.00
DATE	TIME	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)
APR 12.	0655	<0.01	<0.01	<0.01	<0.01	<0.03	<0.04	<0.03	<0.00	<0.01
MAY 09.	1025	<0.00	<0.00	<0.00	<0.00	<0.01	<0.00	<0.01	<0.00	<0.00
JUN 06.	0940	<0.00	<0.00	<0.00	<0.00	<0.01	<0.00	<0.01	<0.00	<0.00
DATE	TIME	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)
APR 12.	0655	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.06	<0.01
MAY 09.	1025	EO.01	<0.00	<0.00	<0.00	<0.00	<0.01	<0.00	<0.02	<0.00
JUN 06.	0940	<0.01	<0.00	<0.00	<0.00	<0.00	<0.01	<0.00	<0.02	<0.00
DATE	TIME	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- GARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
APR 12.	0655	<0.02	<0.05	<0.01	<0.00	<0.02	<0.01	<0.01	<0.04	<0.02
MAY 09.	1025	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.01	<0.00	<0.00
JUN 06.	0940	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.01	<0.00	<0.00

WHITE RIVER BASIN

85

07050510 TABLE ROCK LAKE (KINGS RIVER) NEAR CARR LANE, MISSOURI

LOCATION.--Lat 36°30'08" long 93°36'00", in SW1/4NW1/4, sec.25, T.21 N., R.25 W., Barry County, Missouri, Hydrologic Unit 11010001, at bridge on State Highway 86, on Table Rock Lake (Kings River Arm), 0.9 mi west of Carr Lane, Missouri.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
11.	0902	80513	80513	0.0	14.0	350	8.7	738	6.0	13.7
11.	0903	80513	80020	3.00	14.0	369	8.8	738	6.0	13.9
11.	0905	80513	81213	7.00	14.0	402	8.8	738	6.0	14.1
MAY										
24.	1537	80513	80513	0.0	16.0	203	8.6	748	23.0	10.8
24.	1538	80513	81213	3.00	16.0	204	8.5	748	23.0	10.7
24.	1539	80513	81213	8.00	16.0	209	8.1	748	21.5	8.6
AUG										
23.	1328	80513	80513	0.0	6.0	330	8.5	743	31.5	8.1
23.	1329	80513	81213	1.00	6.0	331	8.2	743	32.0	8.1
23.	1330	80513	81213	3.00	6.0	328	7.8	743	30.5	6.7
23.	1331	80513	81213	5.00	6.0	330	7.8	743	29.5	4.5

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
11.	0902	115	3.80	K4	--	--	--	--	--	--
11.	0903	116	--	--	--	--	--	--	--	--
11.	0905	117	--	--	5	2.0	<2.0	130	36	9.1
MAY										
24.	1537	129	1.20	33	--	--	--	--	--	--
24.	1538	126	--	--	--	--	--	--	--	--
24.	1539	99	--	--	<5	3.3	<2.0	--	--	--
AUG										
23.	1328	113	0.58	24	--	--	--	--	--	--
23.	1329	114	--	--	8	2.3	3.9	--	--	--
23.	1330	93	--	--	--	--	--	--	--	--
23.	1331	61	--	--	5	4.3	2.0	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN									
11.	0905	4.5	7	0.2	1.3	120	6.7	5.3	135 0.18

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JAN									
11.	0903	--	--	--	--	--	--	1.10	<0.100
11.	0905	<0.010	0.320	0.030	<0.20	0.070	0.040	--	--
MAY									
24.	1538	--	--	--	--	--	--	2.00	2.00
24.	1539	<0.010	0.150	--	--	0.030	0.020	--	--
AUG									
23.	1329	0.010	0.020	--	--	0.120	0.090	--	--
23.	1330	--	--	--	--	--	--	28.0	--
23.	1331	0.010	0.020	--	--	0.110	0.080	--	--

WHITE RIVER BASIN

07050525 TABLE ROCK LAKE BELOW SHELL KNOB, MISSOURI

LOCATION.--Lat 36°37'16" long 93°33'49", in NW1/4SW1/4, sec.8, T.22 N., R.24 W., Stone County, Missouri, Hydrologic Unit 11010001, on Table Rock Lake (Big Creek Arm), 4.0 mi southeast of Shell Knob, Missouri.

PERIOD OF RECORD.--January 1992 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
11.	1527	80513	80513	0.0	22.0	198	8.1	736	9.0	10
11.	1528	80513	80020	3.00	22.0	198	8.0	736	9.0	9.9
11.	1529	80513	81213	11.0	22.0	197	8.0	736	8.5	9.7
MAY										
24.	1437	80513	80513	0.0	80.0	171	8.7	747	22.5	11.4
24.	1438	80513	81213	3.00	80.0	171	8.7	747	22.5	11.5
24.	1440	80513	81213	40.0	80.0	178	7.8	747	15.5	6.7
AUG										
23.	1156	80513	80513	0.0	60.0	188	8.7	744	30.0	7.5
23.	1157	80513	81213	3.00	60.0	198	8.2	744	30.0	7.4
23.	1158	80513	81213	6.00	60.0	198	8.3	744	30.0	7.4
23.	1159	80513	81213	24.0	60.0	219	8.2	744	27.5	1.5

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
11.	1527	90	2.30	<1	--	--	--	--	--	--
11.	1528	89	--	--	--	--	--	--	--	--
11.	1529	86	--	--	5	2.4	<2.0	94	27	6.5
MAY										
24.	1437	135	1.60	<1	--	--	--	--	--	--
24.	1438	136	--	--	--	--	--	--	--	--
24.	1440	69	--	--	<5	<0.80	<2.0	--	--	--
AUG										
23.	1156	102	2.80	<1	--	--	--	--	--	--
23.	1157	100	--	--	--	--	--	--	--	--
23.	1158	100	--	--	5	1.2	<2.0	--	--	--
23.	1159	20	--	--	5	1.0	<2.0	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
11.	1529	2.9	6	0.1	1.6	88	6.1	3.7	101	0.14

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
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JAN									
11.	1528	--	--	--	--	--	--	2.70	<0.100
11.	1529	<0.010	0.370	0.010	<0.20	0.020	0.010	--	--
MAY									
24.	1438	--	--	--	--	--	--	4.00	6.00
24.	1440	<0.010	0.290	--	--	<0.020	<0.010	--	--
AUG									
23.	1157	--	--	--	--	--	--	3.00	--
23.	1158	0.010	0.020	--	--	0.020	0.010	--	--
23.	1159	0.010	0.020	--	--	0.020	0.010	--	--

WHITE RIVER BASIN

87

07050530 TABLE ROCK LAKE NEAR LAMPE, MISSOURI

LOCATION.--Lat 36°34'20" long 93°31'25", in SE1/4NW1/4SE1/4, sec.22, T.22 N., R.23 W., Stone County, Missouri, Hydrologic Unit 11010001, on Table Rock Lake above Big Indian Creek, 6.6 mi west of Lampe, Missouri.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
11...	1438	80513	80513	0.0	135	197	7.9	736	9.5	9.4	85
11...	1439	80513	80020	3.00	135	199	7.9	736	9.5	9.4	85
11...	1441	80513	81213	65.0	135	197	7.8	736	8.5	9.0	80
MAY											
24...	1414	80513	80513	0.0	160	178	8.7	747	21.0	11.4	130
24...	1417	80513	81213	3.00	160	178	8.7	747	21.0	11.4	130
24...	1419	80513	81213	80.0	160	170	7.7	747	12.5	7.4	71
AUG											
23...	1127	80513	80513	0.0	150	199	8.6	744	30.5	7.5	103
23...	1128	80513	81213	3.00	150	198	8.6	744	30.0	7.6	103
23...	1129	80513	81213	10.0	150	197	8.1	744	30.0	7.6	103
23...	1130	80513	81213	40.0	150	214	7.5	744	19.5	1.3	15

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
JAN										
11...	1438	1.60	<1	--	--	--	--	--	--	--
11...	1441	--	--	5	1.7	<2.0	94	27	6.5	2.8
MAY										
24...	1414	1.60	K3	--	--	--	--	--	--	--
24...	1419	--	--	<5	1.2	<2.0	--	--	--	--
AUG										
23...	1127	2.10	<1	--	--	--	--	--	--	--
23...	1129	--	--	5	1.1	<2.0	--	--	--	--
23...	1130	--	--	5	0.60	<2.0	--	--	--	--

DATE	TIME	SODIUM AD- SORP- TION RATIO (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)
JAN									
11...	1441	6	0.1	1.6	86	6.1	3.7	99	<0.010
MAY									
24...	1419	--	--	--	--	--	--	--	<0.010
AUG									
23...	1129	--	--	--	--	--	--	--	0.010
23...	1130	--	--	--	--	--	--	--	0.010

DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)
JAN										
11...	1439	--	--	--	--	--	2.20	<0.100	--	--
11...	1441	0.370	0.010	<0.20	0.050	0.010	--	--	40	31
MAY										
24...	1417	--	--	--	--	--	6.00	3.00	--	--
24...	1419	0.350	--	--	<0.020	0.010	--	--	60	6
AUG										
23...	1128	--	--	--	--	--	2.00	--	--	--
23...	1129	0.020	--	--	0.020	0.010	--	--	10	5
23...	1130	0.340	--	--	0.020	0.010	--	--	110	20

WHITE RIVER BASIN

07050535 TABLE ROCK LAKE BELOW LAMPE, MISSOURI

LOCATION.--Lat 36°35'30" long 93°24'28", in SE1/4NW1/4SE1/4, sec.22, T.22 N., R.23 W., Stone County, Missouri, Hydrologic Unit 11010001, on Table Rock Lake at Logslide Buff, 2.5 mi northeast of Lampe, Missouri.

PERIOD OF RECORD.--January 1992 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
12.	1051	80513	80513	0.0	180	227	7.8	738	10.0	9.0
12.	1052	80513	80020	3.00	180	227	7.8	738	10.0	9.0
12.	1053	80513	81213	89.5	180	233	7.8	738	9.5	8.5
MAY										
24.	1315	80513	80513	0.0	180	190	8.6	748	22.0	11.4
24.	1316	80513	81213	3.00	180	189	8.7	748	21.5	11.5
24.	1318	80513	81213	90.0	180	205	7.6	748	13.0	6.5
AUG										
24.	1341	80513	80513	0.0	150	199	8.6	740	31.0	7.0
24.	1342	80513	81213	3.00	150	198	8.2	740	30.5	7.1
24.	1343	80513	81213	30.0	150	265	7.5	740	22.0	1.1
24.	1345	80513	81213	120	150	204	7.4	740	14.0	2.8

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- 5 DAY (MG/L) (00310)	HARD- NESS TOTAL AS CACO3 (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
12.	1051	83	2.10	<1	--	--	--	--	--	--
12.	1052	83	--	--	--	--	--	--	--	--
12.	1053	76	--	--	5	1.1	<2.0	110	34	5.4
MAY										
24.	1315	133	1.40	<1	--	--	--	--	--	--
24.	1316	134	--	--	--	--	--	--	--	--
24.	1318	62	--	--	<5	1.3	<2.0	--	--	--
AUG										
24.	1341	98	2.70	K13	--	--	--	--	--	--
24.	1342	98	--	--	--	--	--	--	--	--
24.	1343	13	--	--	10	1.1	<2.0	--	--	--
24.	1345	28	--	--	5	0.60	<2.0	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
12.	1053	4.6	8	0.2	1.8	98	7.5	7.0	119	0.17

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JAN									
12.	1052	--	--	--	--	--	--	2.00	<0.100
12.	1053	<0.010	0.410	0.010	<0.20	0.040	0.010	--	--
MAY									
24.	1316	--	--	--	--	--	--	7.00	2.00
24.	1318	<0.010	0.950	--	--	0.070	0.050	--	--
AUG									
24.	1342	--	--	--	--	--	--	3.00	--
24.	1343	0.020	0.150	--	--	0.020	0.010	--	--
24.	1345	0.010	0.470	--	--	0.020	0.010	--	--

WHITE RIVER BASIN

89

07052910 TABLE ROCK LAKE (JAMES RIVER ARM) AT CAPE FAIR, MISSOURI

LOCATION.--Lat 36°43'24" long 93°29'35", in SW1/4NE1/4, sec.3, T.23 N., R.24 W., Stone County, Missouri, Hydrologic Unit 11010001, at bridge on State Highway 76, on Table Rock Lake (James River Arm), at Cape Fair, Missouri.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	SAM-PLING DEPTH (FEET) (00003)	RESER-VOIR DEPTH (FEET) (72025)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD) (UNITS) (00400)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
JAN											
12...	0852	80513	80513	0.0	42.0	393	8.4	738	6.0	13.8	114
12...	0853	80513	80020	3.00	42.0	401	8.6	738	5.5	14.0	115
12...	0855	80513	81213	21.0	42.0	376	8.5	738	4.0	13.0	103
MAY											
24...	1051	80513	80513	0.0	34.0	261	8.5	747	22.0	13.2	154
24...	1052	80513	81213	3.00	34.0	264	8.4	747	22.0	13.3	155
24...	1053	80513	81213	17.0	34.0	288	8.1	747	20.0	10.1	114
AUG											
23...	0947	80513	80513	0.0	15.0	263	8.6	745	29.5	6.9	93
23...	0948	80513	81213	3.00	15.0	262	8.3	745	29.5	6.2	84
23...	0949	80513	81213	12.0	15.0	259	7.9	745	29.5	6.1	82

DATE	TIME	TRANS-PAR-ENCY (SECCHI DISK) (M) (00078)	COLI-FORM, FECAL, 0.7 (PLAT-UM-MF INUM-COBALT) (COLS./100 ML) (31625)	COLOR (PLAT-INUM-COBALT) (NTU) (00076)	TUR-BID-ITY (NTU) (00076)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	HARD-NESS TOTAL (MG/L) (00900)	CALCIUM DIS-SOLVED (MG/L) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L) (00925)	SODIUM, DIS-SOLVED (MG/L) (00930)	SODIUM PERCENT (00932)
JAN											
12...	0852	1.20	K2	--	--	--	--	--	--	--	--
12...	0855	--	--	5	2.3	<2.0	180	60	7.2	9.7	10
MAY											
24...	1051	1.10	K1	--	--	--	--	--	--	--	--
24...	1053	--	--	<5	1.8	2.4	--	--	--	--	--
AUG											
23...	0947	0.64	K1	--	--	--	--	--	--	--	--
23...	0948	--	--	5	2.4	2.9	--	--	--	--	--
23...	0949	--	--	5	3.4	2.7	--	--	--	--	--

DATE	TIME	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L) (00935)	ALKA-LINITY WAT WH TOT FET FIELD (MG/L) (00410)	SULFATE DIS-SOLVED (MG/L) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L) (00940)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE TOTAL (MG/L) (00615)	NITRO-GEN, NO2+NO3 TOTAL (MG/L) (00630)	NITRO-GEN, AMMONIA TOTAL (MG/L) (00610)
JAN											
12...	0855	0.3	1.9	154	11	15	197	0.29	0.010	1.80	0.030
MAY											
24...	1053	--	--	--	--	--	--	--	0.010	1.10	--
AUG											
23...	0948	--	--	--	--	--	--	--	0.010	0.040	--
23...	0949	--	--	--	--	--	--	--	0.010	0.030	--

DATE	TIME	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L) (00605)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L) (00625)	PHOS-PHORUS TOTAL (MG/L) (00665)	PHOS-PHORUS ORTHO TOTAL (MG/L) (70507)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L) (70954)	IRON, TOTAL RECOV-ERABLE (UG/L) (01045)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L) (01055)	ZINC, TOTAL RECOV-ERABLE (UG/L) (01092)
JAN										
12...	0853	--	--	--	--	31.0	1.40	--	--	--
12...	0855	0.17	0.20	0.160	0.120	--	--	.60	31	<4
MAY										
24...	1052	--	--	--	--	13.0	0.900	--	--	--
24...	1053	--	--	0.020	0.020	--	--	50	32	<4
AUG										
23...	0948	--	--	0.050	0.030	26.0	--	90	78	10
23...	0949	--	--	0.060	0.030	--	--	100	73	50

WHITE RIVER BASIN

07052920 TABLE ROCK LAKE (JAMES RIVER ARM) NEAR KIMBERLING CITY, MISSOURI

LOCATION.--Lat 36°38'23" long 93°29'27", in SE1/4SW1/4, sec.36, T.22 N., R.24 W., Stone County, Missouri, Hydrologic Unit 11010001, on Table Rock Lake (James River Arm), at Oswalt Bluff, 3.0 mi west of Kimberling City, Missouri.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
12.	1127	80513	80513	0.0	140	224	7.9	739	9.5	9.6
12.	1128	80513	80020	3.00	140	224	7.9	739	9.5	9.5
12.	1130	80513	81213	69.8	140	254	7.9	739	8.5	8.9
MAY										
24.	1225	80513	80513	0.0	160	191	8.6	748	21.5	11.9
24.	1226	80513	81213	3.00	160	190	8.6	748	21.5	12.1
24.	1228	80513	81213	80.0	160	222	7.6	748	13.0	6.5
AUG										
23.	0832	80513	80513	0.0	150	129	8.5	745	28.5	7.5
23.	0833	80513	81213	3.00	150	195	8.5	745	30.0	7.0
23.	0834	80513	81213	10.0	150	195	8.3	745	30.0	7.1
23.	0835	80513	81213	40.0	150	243	7.5	745	18.5	1.3

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
12.	1127	88	2.20	K1	--	--	--	--	--	--
12.	1128	86	--	--	--	--	--	--	--	--
12.	1130	79	--	--	5	4.4	<2.0	110	36	5.7
MAY										
24.	1225	138	1.10	K1	--	--	--	--	--	--
24.	1226	140	--	--	--	--	--	--	--	--
24.	1228	63	--	--	5	2.7	<2.0	--	--	--
AUG										
23.	0832	99	2.60	<1	--	--	--	--	--	--
23.	0833	95	--	--	--	--	--	--	--	--
23.	0834	96	--	--	5	0.70	<2.0	--	--	--
23.	0835	14	--	--	5	0.60	<2.0	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED PER AC-FT) (70303)
JAN										
12.	1130	5.8	10	0.2	1.9	104	8.3	8.5	129	0.19

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JAN									
12.	1128	--	--	--	--	--	--	2.00	<0.100
12.	1130	<0.010	0.530	0.010	<0.20	0.060	0.020	--	--
MAY									
24.	1226	--	--	--	--	--	--	8.00	2.00
24.	1228	<0.010	1.20	--	--	0.060	0.070	--	--
AUG									
23.	0833	--	--	--	--	--	--	0.100	--
23.	0834	0.010	0.020	--	--	0.020	0.010	--	--
23.	0835	0.010	0.660	--	--	0.020	0.010	--	--

WHITE RIVER BASIN

91

07053250 YOCUM CREEK NEAR OAK GROVE

LOCATION.--Lat 36°27'17", long 93°21'21", in SW1/4NE1/4 sec.30, T.21 N., R.22 W., Carroll County, Hydrologic Unit 11010001, on right bank 50 ft upstream from County Road 86, .4 mi downstream from Stillhouse Creek, and 4.7 mi east of Oak Grove.

DRAINAGE AREA.--52.8 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1993 to current year. Occasional lowflow measurements 1964-67, 1987-88.

GAGE.--Water-stage recorder.

REMARKS.--Water discharge records good, except estimated daily discharges which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.7	7.1	17	26	60	40	30	163	43	20	17	37
2	8.7	6.5	17	e26	57	38	30	145	45	21	17	31
3	8.7	8.5	17	e25	53	38	29	130	46	20	17	30
4	7.0	58	18	e25	51	39	27	127	48	25	17	34
5	6.9	510	17	e24	49	40	26	106	141	27	19	32
6	6.6	150	16	e23	47	38	26	116	257	24	21	31
7	6.8	77	15	e22	45	134	26	139	268	24	18	31
8	9.7	53	24	e22	40	118	26	420	62	25	11	29
9	10	127	97	21	41	96	26	269	43	25	12	28
10	9.1	102	74	20	41	84	29	178	706	22	14	30
11	7.6	61	58	21	38	76	69	138	300	22	12	29
12	7.4	42	50	50	31	70	80	114	196	22	14	26
13	7.6	31	44	e500	36	63	62	102	143	21	16	24
14	7.2	32	40	e350	37	60	54	94	115	20	17	23
15	7.2	51	38	e230	42	57	48	79	97	20	e16	22
16	8.6	38	37	e160	40	52	44	71	82	22	e16	20
17	8.6	32	34	116	35	49	42	65	71	21	e15	20
18	7.6	27	34	137	32	47	38	56	62	19	e15	21
19	6.4	24	33	120	35	48	38	50	54	18	e14	21
20	6.3	24	33	114	35	46	567	48	47	19	e14	19
21	7.9	30	34	102	33	43	186	48	42	18	e13	18
22	7.6	27	38	87	32	41	127	43	37	20	e13	17
23	8.1	24	43	79	32	40	138	40	34	21	12	18
24	9.1	23	44	82	30	38	129	44	33	22	e12	18
25	7.5	23	40	63	30	37	111	45	32	19	11	19
26	6.7	22	30	75	31	38	97	42	29	22	12	18
27	6.7	21	25	95	41	35	82	44	25	24	14	15
28	6.8	19	24	92	43	32	73	45	23	26	15	13
29	6.8	18	23	83	---	31	95	44	23	26	18	12
30	8.4	17	24	73	---	30	111	44	21	24	20	12
31	8.6	---	25	65	---	29	---	47	---	19	27	---
TOTAL	238.9	1685.1	1063	2928	1117	1627	2466	3096	3125	678	479	698
MEAN	7.71	56.2	34.3	94.5	39.9	52.5	82.2	99.9	104	21.9	15.5	23.3
MAX	10	510	97	500	60	134	567	420	706	27	27	37
MIN	6.3	6.5	15	20	30	29	26	40	21	18	11	12
AC-FT	474	3340	2110	5810	2220	3230	4890	6140	6200	1340	950	1380
CFSM	.15	1.06	.65	1.79	.76	.99	1.56	1.89	1.97	.41	.29	.44
IN.	.17	1.19	.75	2.06	.79	1.15	1.74	2.18	2.20	.48	.34	.49

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1995, BY WATER YEAR (WY)

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	14.5	82.7	50.4	66.3	52.6	111	113	84.8	63.4	33.0	16.0	19.7
MAX	21.3	109	66.5	94.5	65.4	169	144	99.9	104	63.2	20.6	26.8
(WY)	1994	1994	1994	1995	1994	1994	1994	1995	1995	1993	1993	1993
MIN	7.71	56.2	34.3	38.1	39.9	52.5	82.2	71.8	26.0	13.9	11.9	9.09
(WY)	1995	1995	1995	1994	1995	1995	1995	1993	1994	1994	1994	1994

SUMMARY STATISTICS FOR 1994 CALENDAR YEAR FOR 1995 WATER YEAR WATER YEARS 1993 - 1995

	19977.6	19201.0	
ANNUAL TOTAL	54.7	52.6	57.8
ANNUAL MEAN			63.0
HIGHEST ANNUAL MEAN			52.6
LOWEST ANNUAL MEAN			
HIGHEST DAILY MEAN	604	Apr 30	706
LOWEST DAILY MEAN	6.3	Oct 20	6.3
ANNUAL SEVEN-DAY MINIMUM	7.3	Oct 27	7.3
INSTANTANEOUS PEAK FLOW			a2160
INSTANTANEOUS PEAK STAGE			8.40
INSTANTANEOUS LOW FLOW			5.4
ANNUAL RUNOFF (AC-FT)	39630	38090	41870
ANNUAL RUNOFF (CFSM)	1.04	1.00	1.09
ANNUAL RUNOFF (INCHES)	14.08	13.53	14.87
10 PERCENT EXCEEDS	129	114	127
50 PERCENT EXCEEDS	30	31	33
90 PERCENT EXCEEDS	8.4	12	11

^aFrom rating curve extended above 930 ft³/s

^eEstimated

WHITE RIVER BASIN

07053250 YOCUM CREEK NEAR OAK GROVE--CONTINUED

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April 1993 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	GAGE HEIGHT (FEET) (00065)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	OXYGEN, DIS- SOLVED (MG/L) (00300)
OCT											
18.	0815	80513	80020	7.5	3.16	354	7.7	739	17.5	19.0	6.9
NOV											
15.	0820	80513	80020	54	3.75	308	7.7	748	14.5	--	9.1
DEC											
06.	1100	80513	80020	17	3.29	349	8.1	741	13.5	--	11.1
JAN											
10.	0800	80513	80020	20	3.34	352	8.2	740	7.0	7.0	8.4
FEB											
15.	0930	80513	80020	42	3.63	338	7.9	735	9.0	12.0	10.9
MAR											
21.	1720	80513	80020	42	3.63	302	8.5	734	16.5	22.0	11.4
APR											
11.	1215	80513	80020	68	3.87	329	8.1	738	13.0	15.5	9.6
MAY											
09.	0715	80513	80020	299	5.08	272	7.8	733	13.5	17.0	8.3
JUN											
06.	0645	80513	80020	163	4.59	253	7.8	735	18.0	23.0	7.2
JUL											
11.	0745	80513	80020	21	3.60	346	7.9	743	20.5	22.0	7.5
AUG											
22.	0930	80513	80020	13	3.40	337	8.0	746	23.5	25.0	7.2
		OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, O.15 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP- TOCOCCI FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
OCT											
18.	0815	75	K1	56	K300	170	9	62	2.6	3.6	4
NOV											
15.	0820	90	540	660	K7500	150	24	53	3.1	3.9	5
DEC											
06.	1100	109	K6	K7	49	170	25	63	3.0	3.6	4
JAN											
10.	0800	71	24	K11	47	160	14	60	3.0	3.7	5
FEB											
15.	0930	98	58	43	84	160	15	59	2.8	3.5	5
MAR											
21.	1720	121	540	190	K10	150	22	55	2.9	3.7	5
APR											
11.	1215	94	>1200	K9700	2800	160	17	59	3.1	3.8	5
MAY											
09.	0715	83	1600	1500	3100	130	16	47	2.9	3.0	5
JUN											
06.	0645	79	K15000	>8000	>10000	110	9	40	2.7	3.2	6
JUL											
11.	0745	86	97	73	60	170	12	64	2.9	3.4	4
AUG											
22.	0930	86	21	K17	89	160	15	59	2.6	3.7	5
		SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT DIS TOT FET FIELD MG/L AS CACO3 (00418)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)
OCT											
18.	0815	0.1	2.0	156	0	191	157	4.4	8.8	<0.10	11
NOV											
15.	0820	0.1	0.60	121	0	148	121	6.7	7.8	<0.10	11
DEC											
06.	1100	0.1	2.0	145	0	177	145	5.2	8.1	<0.10	8.8
JAN											
10.	0800	0.1	1.8	148	0	181	149	4.6	8.3	<0.10	6.2
FEB											
15.	0930	0.1	1.7	144	0	175	144	4.7	7.2	<0.10	6.6
MAR											
21.	1720	0.1	2.1	126	1	153	126	5.1	7.0	<0.10	6.9
APR											
11.	1215	0.1	1.9	144	0	175	144	4.3	8.2	<0.10	9.4
MAY											
09.	0715	0.1	2.5	113	0	138	113	3.7	5.1	<0.10	10
JUN											
06.	0645	0.1	5.3	102	0	124	102	4.8	5.9	<0.10	9.0
JUL											
11.	0745	0.1	2.2	161	0	195	160	4.3	7.2	0.10	11
AUG											
22.	0930	0.1	2.3	141	0	174	143	3.4	8.4	<0.10	12

WHITE RIVER BASIN

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07053250 YOCUM CREEK NEAR OAK GROVE--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	SOLIDS, RESIDUE AT 180 DEG C DTS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DTS- SOLVED (MG/L) (70301)	SOLIDS, DTS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DTS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRATE DTS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE DTS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DTS- SOLVED (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DTS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DTS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)
OCT 18.	0815	204	197	4.13	0.28	--	<0.010	2.00	2.00	0.020	--
NOV 15.	0820	183	175	26.7	0.25	--	<0.010	3.50	3.50	<0.015	0.30
DEC 06.	1100	202	181	9.27	0.27	--	<0.010	--	<0.050	<0.015	--
JAN 10.	0800	204	190	11.0	0.28	--	<0.010	3.00	3.00	<0.015	--
FEB 15.	0930	189	185	21.4	0.26	--	<0.010	3.10	3.10	<0.015	--
MAR 21.	1720	173	171	19.6	0.24	2.68	0.020	2.70	2.70	0.020	0.18
APR 11.	1215	195	188	35.8	0.27	2.77	0.030	2.80	2.80	0.030	--
MAY 09.	0715	162	155	131	0.22	--	<0.010	2.90	2.90	0.030	0.27
JUN 06.	0645	160	144	70.4	0.22	2.27	0.030	2.30	2.30	0.070	0.73
JUL 11.	0745	204	203	11.6	0.28	--	<0.010	2.70	2.70	0.020	--
AUG 22.	0930	199	186	6.98	0.27	--	<0.010	2.10	2.10	<0.015	--
DATE	TIME	NITRO- GEN, ORGANIC DTS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, AMMONIA + ORGANIC DTS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DTS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DTS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DTS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDE TOTAL (MG/L AS C) (00689)	ALUM- INUM, DTS- SOLVED (UG/L AS AL) (01106)	ARSENIC DTS- SOLVED (UG/L AS AS) (01000)
OCT 18.	0815	--	<0.20	<0.20	0.050	0.040	0.040	1.4	0.2	6	<1
NOV 15.	0820	--	0.30	0.20	0.130	0.120	0.120	3.2	--	--	--
DEC 06.	1100	--	<0.20	0.20	0.030	<0.010	<0.010	1.7	0.1	6	<1
JAN 10.	0800	--	<0.20	<0.20	0.010	0.020	0.020	0.8	0.1	--	--
FEB 15.	0930	--	<0.20	<0.20	0.020	<0.010	0.020	0.7	0.1	8	<1
MAR 21.	1720	--	0.20	<0.20	0.030	<0.010	0.020	0.8	0.2	--	--
APR 11.	1215	--	<0.20	<0.20	0.020	0.020	0.030	2.0	0.3	10	<1
MAY 09.	0715	0.17	0.30	0.20	0.130	0.100	0.100	2.3	0.1	--	--
JUN 06.	0645	0.43	0.80	0.50	0.450	0.380	0.400	11	1.5	200	<1
JUL 11.	0745	--	<0.20	<0.20	0.030	0.040	0.040	0.7	0.2	--	--
AUG 22.	0930	--	<0.20	<0.20	0.030	0.030	0.030	0.6	0.2	7	<1
DATE	TIME	BARIIUM, DTS- SOLVED (UG/L AS BA) (01005)	BERYL- LIUM, DTS- SOLVED (UG/L AS BE) (01010)	CADMIUM, DTS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, DTS- SOLVED (UG/L AS CR) (01030)	COBALT, DTS- SOLVED (UG/L AS CO) (01035)	COPPER, DTS- SOLVED (UG/L AS CU) (01040)	IRON, DTS- SOLVED (UG/L AS FE) (01046)	LEAD, DTS- SOLVED (UG/L AS PB) (01049)	MANGA- NESE, DTS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DTS- SOLVED (UG/L AS MO) (01060)
OCT 18.	0815	46	<1	<1.0	3	<1	<1	<3	<1	2	<1
NOV 15.	0820	--	--	--	--	--	--	37	--	3	--
DEC 06.	1100	43	<1	<1.0	<1	<1	<1	<3	<1	<1	<1
JAN 10.	0800	--	--	--	--	--	--	<3	--	<1	--
FEB 15.	0930	41	<1	<1.0	1	<1	<1	<3	<1	1	<1
MAR 21.	1720	--	--	--	--	--	--	8	--	2	--
APR 11.	1215	41	<1	<1.0	4	<1	<1	5	<1	5	<1
MAY 09.	0715	--	--	--	--	--	--	19	--	3	--
JUN 06.	0645	39	<1	<1.0	2	<1	4	190	<1	5	<1
JUL 11.	0745	--	--	--	--	--	--	<3	--	1	--
AUG 22.	0930	42	<1	<1.0	2	<1	<1	<3	<1	1	<1
DATE	TIME	NICKEL, DTS- SOLVED (UG/L AS NI) (01065)	SELE- NIUM, DTS- SOLVED (UG/L AS SE) (01145)	SILVER, DTS- SOLVED (UG/L AS AG) (01075)	ZINC, DTS- SOLVED (UG/L AS ZN) (01090)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	ATRA- ZINE, WATER, DTS- REC (UG/L) (39632)	DI- AZINON, DTS- SOLVED (UG/L) (39572)	DI- ELDRIN DTS- SOLVED (UG/L) (39381)
OCT 18.	0815	5	<1	<1.0	<1	18	0.36	20	<0.02	<0.01	<0.01
NOV 15.	0820	--	--	--	--	8	1.2	29	<0.02	<0.01	<0.01
DEC 06.	1100	1	<1	<1.0	<1	7	0.32	46	--	--	--
JAN 10.	0800	--	--	--	--	5	0.27	40	--	--	--
FEB 15.	0930	3	<1	<1.0	<1	2	0.23	58	--	--	--
MAR 21.	1720	--	--	--	--	4	0.45	29	--	--	--
APR 11.	1215	<1	<1	<1.0	2	29	5.3	91	<0.02	<0.01	<0.01
MAY 09.	0715	--	--	--	--	23	19	88	<0.02	<0.01	<0.01
JUN 06.	0645	4	<1	<1.0	4	68	30	88	<0.00	0.03	<0.00
JUL 11.	0745	--	--	--	--	104	5.9	43	--	--	--
AUG 22.	0930	1	<1	<1.0	7	86	3.0	69	--	--	--

WHITE RIVER BASIN

07053250 YOCUM CREEK NEAR OAK GROVE--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

		LINDANE DIS- SOLVED (UG/L) (39341)	MALA- THION, DIS- SOLVED (UG/L) (39532)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	PARA- THION, DIS- SOLVED (UG/L) (39542)	2,4-DB WATER, FLTRD, GF 0.7U (UG/L) (38746)	2,4,5-T DIS- SOLVED (UG/L) (39742)	SILVEX, DIS- SOLVED (UG/L) (39762)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)
DATE	TIME										
OCT 18.	0815	<0.01	<0.01	<0.01	<0.02	<0.05	<0.05	<0.05	<0.01	<0.01	<0.05
NOV 15.	0820	<0.01	<0.01	<0.01	<0.02	<0.05	<0.05	<0.05	<0.01	<0.01	<0.05
JAN 10.	0800	--	--	--	--	<0.02	<0.01	<0.02	--	--	<0.02
APR 11.	1215	<0.01	<0.01	<0.01	<0.02	--	--	--	<0.01	<0.01	--
MAY 09.	0715	<0.01	<0.01	<0.01	<0.02	<0.03	<0.03	<0.03	<0.01	<0.01	<0.02
JUN 06.	0645	<0.00	<0.00	<0.00	<0.00	--	--	--	<0.00	<0.00	--
		BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE WATER, DISS, REC (UG/L) (04041)	DEETHYL ATRA- ZINE WATER, DISS, REC (UG/L) (04040)	FONOFOS WATER, DISS, REC (UG/L) (04095)	P, P' DDE DISSOLV (UG/L) (34653)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	METRI- BUZIN WATER, DISSOLV (UG/L) (82630)
DATE	TIME										
OCT 18.	0815	<0.01	<0.00	<0.01	EO.00	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01
NOV 15.	0820	<0.01	<0.00	<0.01	<0.00	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01
APR 11.	1215	<0.01	<0.00	<0.01	<0.00	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01
MAY 09.	0715	<0.01	<0.00	<0.01	<0.00	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01
JUN 06.	0645	<0.00	<0.00	<0.00	<0.00	<0.00	<0.01	EO.01	<0.01	0.01	<0.00
		2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)
DATE	TIME										
OCT 18.	0815	<0.01	<0.01	<0.01	<0.01	<0.03	<0.04	<0.03	<0.00	<0.01	<0.02
NOV 15.	0820	<0.01	<0.01	<0.01	<0.01	<0.03	<0.04	<0.03	<0.00	<0.01	<0.02
APR 11.	1215	<0.01	<0.01	<0.01	<0.01	<0.03	<0.04	<0.03	<0.00	<0.01	<0.02
MAY 09.	0715	<0.01	<0.01	<0.01	<0.01	<0.03	<0.04	<0.03	<0.00	<0.01	<0.02
JUN 06.	0645	<0.00	<0.00	<0.00	<0.00	<0.01	<0.00	<0.01	<0.00	<0.00	<0.01
		MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOFON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	
DATE	TIME										
OCT 18.	0815	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.06	<0.01	<0.02
NOV 15.	0820	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.06	<0.01	<0.02
APR 11.	1215	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.06	<0.01	<0.02
MAY 09.	0715	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.06	<0.01	<0.02
JUN 06.	0645	<0.00	<0.00	<0.00	<0.00	<0.01	<0.00	<0.00	<0.02	<0.00	<0.00
		CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	
DATE	TIME										
OCT 18.	0815	<0.05	<0.01	<0.00	<0.02	<0.01	<0.01	<0.04	<0.02	<0.05	
NOV 15.	0820	<0.05	<0.01	<0.00	<0.02	<0.01	<0.01	<0.04	<0.02	<0.05	
JAN 10.	0800	--	--	--	--	--	--	--	--	<0.01	
APR 11.	1215	<0.05	<0.01	<0.00	<0.02	<0.01	<0.01	<0.04	<0.02	--	
MAY 09.	0715	<0.05	<0.01	<0.00	<0.02	<0.01	<0.01	<0.04	<0.02	<0.03	
JUN 06.	0645	EO.08	<0.00	<0.00	<0.00	<0.00	<0.01	<0.00	<0.00	--	
		ALDI- CARB SULFONE WAT FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE WAT FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	AMIBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	BRO- MACIL, WATER, FLTRD, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLORO- THALO- NIL WAT FLT GF 0.7U REC (UG/L) (49306)	
DATE	TIME										
OCT 18.	0815	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
NOV 15.	0820	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
JAN 10.	0800	<0.02	<0.02	<0.02	<0.01	<0.01	<0.02	<0.01	<0.03	<0.01	
MAY 09.	0715	<0.03	<0.03	<0.03	<0.02	<0.03	<0.03	<0.02	<0.02	<0.03	

WHITE RIVER BASIN

95

07053250 YOCUM CREEK NEAR OAK GROVE--CONTINUED WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	OCRESOL 4,6- DINITRO WAT,FLT GF 0.7U REC (UG/L) (49299)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLO- BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	ESFEN- VAL- ERATE, WAT,FLT GF 0.7U REC (UG/L) (49298)
OCT 18.	0815	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
NOV 15.	0820	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
JAN 10.	0800	<0.06	<0.01	<0.02	<0.02	<0.02	<0.03	<0.01	<0.02	<0.02
MAY 09.	0715	<0.07	<0.05	<0.03	<0.03	<0.02	<0.03	<0.03	<0.02	<0.05
DATE	TIME	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUO- METURON, WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	3HYDRXY CARBO- FURAN, WAT,FLT GF 0.7U REC (UG/L) (49308)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)
OCT 18.	0815	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
NOV 15.	0820	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
JAN 10.	0800	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.03	<0.02	<0.01
MAY 09.	0715	<0.02	<0.03	<0.03	<0.02	<0.07	<0.03	<0.02	<0.53	<0.02
DATE	TIME	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	2,4-D, DIS- SOLVED (UG/L) (39732)
OCT 18.	0815	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
NOV 15.	0820	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
JAN 10.	0800	<0.02	<0.02	<0.02	<0.02	<0.03	<0.01	<0.01	<0.07	<0.06
MAY 09.	0715	<0.02	<0.02	<0.02	<0.02	<0.07	<0.03	<0.03	<0.09	<0.03

WHITE RIVER BASIN

07053320 TABLE ROCK LAKE (LONG CREEK ARM) NEAR RIDGEDALE, MISSOURI

LOCATION.--Lat 36°31'39" long 93°18'10", in NW¼NE¼, sec.15, T.21 N., R.22 W., Taney County, Missouri, Hydrologic Unit 11010001, at bridge on State Highway 86, 4.3 mi northwest of Ridgedale, Missouri.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
21...	1303	80513	80513	0.0	120	217	7.8	748	8.0	10.6
21...	1304	80513	80020	3.00	120	217	7.8	748	8.0	10.4
21...	1306	80513	81213	59.8	120	215	7.8	748	8.0	10.2
MAY										
25...	0916	80513	80513	0.0	110	208	8.8	750	20.5	10.3
25...	0917	80513	81213	3.00	110	208	8.7	750	20.5	10.3
25...	0919	80513	81213	55.0	110	226	7.7	750	14.5	6.0
AUG										
24...	1228	80513	80513	0.0	105	197	8.6	741	30.0	7.3
24...	1229	80513	81213	3.00	105	197	8.4	741	30.0	7.0
24...	1230	80513	81213	7.00	105	197	8.4	741	29.5	7.0
24...	1231	80513	81213	28.0	105	249	7.5	741	22.5	0.7

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- 5 DAY (MG/L) (00310)	HARD- NESS TOTAL AS CACO3 (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
21...	1303	91	1.10	34	--	--	--	--	--	--
21...	1304	90	--	--	--	--	--	--	--	--
21...	1306	88	--	--	<5	7.6	<2.0	110	35	5.0
MAY										
25...	0916	116	2.10	130	--	--	--	--	--	--
25...	0917	116	--	--	--	--	--	--	--	--
25...	0919	60	--	--	<5	1.6	<2.0	--	--	--
AUG										
24...	1228	99	2.90	<1	--	--	--	--	--	--
24...	1229	95	--	--	--	--	--	--	--	--
24...	1230	94	--	--	5	1.1	<2.0	--	--	--
24...	1231	8	--	--	5	1.4	<2.0	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
21...	1306	3.4	6	0.1	1.7	100	6.2	5.3	117	0.16

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JAN										
21...	1304	--	--	--	--	--	--	--	1.90	<0.100
21...	1306	<0.010	0.380	0.040	0.34	0.38	<0.020	0.020	--	--
MAY										
25...	0917	--	--	--	--	--	--	--	4.00	0.400
25...	0919	<0.010	0.920	--	--	--	<0.020	0.020	--	--
AUG										
24...	1229	--	--	--	--	--	--	--	26.0	--
24...	1230	0.010	0.020	--	--	--	0.020	0.010	--	--
24...	1231	0.010	0.020	--	--	--	0.020	0.010	--	--

WHITE RIVER BASIN

97

07053400 TABLE ROCK LAKE NEAR BRANSON, MISSOURI

LOCATION.--Lat 36°35'46", long 93°18'35", in NW¼ sec.22, T.22 N., R.22 W., Taney County, Hydrologic Unit 11010001, at dam on White River, 3.0 mi upstream from Fall Creek, and 6.1 mi southwest of Branson, Missouri.

DRAINAGE AREA.--4,020 mi².

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

COOPERATION.--Records prior to October 1978 are available from U.S. Army Corps of Engineers, Little Rock, Arkansas.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
OCT										
13...	1357	80513	0.0	172	213	7.9	739	20.0	7.6	86
13...	1358	80513	10.2	172	213	7.9	739	20.0	7.3	83
13...	1359	80513	21.3	172	212	7.9	739	20.0	7.1	81
13...	1400	80513	30.0	172	213	7.9	739	20.0	7.1	80
13...	1401	80513	40.0	172	238	7.3	739	19.0	1.4	15
13...	1402	80513	42.0	172	244	7.2	739	18.5	0.6	7
13...	1403	80513	43.8	172	252	7.2	739	17.5	0.4	4
13...	1404	80513	46.1	172	250	7.2	739	16.5	0.4	4
13...	1405	80513	49.9	172	249	7.2	739	16.0	0.3	3
13...	1406	80513	60.0	172	241	7.1	739	15.5	0.3	3
13...	1407	80513	70.0	172	248	7.2	739	14.5	0.3	3
13...	1408	80513	80.2	172	247	7.2	739	14.0	0.3	3
13...	1409	80513	90.1	172	240	7.1	739	14.0	0.3	3
13...	1410	80513	100	172	238	7.1	739	13.5	0.3	3
13...	1411	80513	110	172	234	7.1	739	13.0	0.6	5
13...	1412	80513	120	172	229	7.1	739	12.5	1	9
13...	1413	80513	130	172	226	7.1	739	12.0	1.1	10
13...	1414	80513	140	172	225	7.1	739	11.5	0.3	3
13...	1415	80513	150	172	226	7.1	739	11.0	0.3	3
13...	1416	80513	160	172	229	7.1	739	11.0	0.3	3
13...	1417	80513	170	172	234	7.1	739	10.5	0.3	3
13...	1418	80513	172	172	236	7.1	739	10.5	0.3	3

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
OCT										
18...	0759	80513	0.0	170	210	7.7	735	18.5	8.2	90
18...	0800	80513	10.2	170	210	7.9	735	19.5	7.4	83
18...	0801	80513	19.9	170	211	7.9	735	19.5	7.3	83
18...	0802	80513	29.9	170	211	7.9	735	19.5	7.2	81
18...	0803	80513	40.0	170	217	7.6	735	19.5	5.1	57
18...	0804	80513	41.0	170	227	7.3	735	18.5	2.4	26
18...	0805	80513	42.0	170	236	7.2	735	17.5	0.6	6
18...	0806	80513	42.9	170	245	7.2	735	16.5	0.5	6
18...	0807	80513	50.1	170	220	7.1	735	15.5	0.5	5
18...	0808	80513	60.0	170	225	7.1	735	15.0	0.5	5
18...	0809	80513	70.0	170	210	7.1	735	14.5	0.5	5
18...	0810	80513	80.0	170	221	7.1	735	14.5	0.5	5
18...	0811	80513	89.9	170	222	7.1	735	14.0	0.5	5
18...	0812	80513	100	170	234	7.2	735	13.5	0.5	5
18...	0813	80513	110	170	229	7.2	735	13.0	0.5	5
18...	0814	80513	120	170	227	7.2	735	12.5	0.9	9
18...	0815	80513	130	170	225	7.2	735	12.0	1.1	10
18...	0816	80513	140	170	221	7.1	735	11.5	0.5	5
18...	0817	80513	150	170	222	7.1	735	11.5	0.5	4
18...	0818	80513	160	170	224	7.1	735	11.0	0.5	5
18...	0819	80513	170	170	234	7.1	735	10.5	0.5	4

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
NOV										
03...	0831	80513	0.0	181	215	8.0	735	17.5	7.7	83
03...	0832	80513	10.1	181	215	8.0	735	17.5	7.6	83
03...	0833	80513	19.9	181	215	8.0	735	17.5	7.6	82
03...	0834	80513	30.1	181	216	8.0	735	17.5	7.5	82
03...	0835	80513	39.9	181	216	8.0	735	17.5	7.5	82
03...	0836	80513	50.2	181	216	8.0	735	17.5	7.4	80
03...	0837	80513	60.1	181	218	7.9	735	17.5	7.2	78
03...	0838	80513	65.0	181	219	7.6	735	17.0	5.1	55
03...	0840	80513	67.9	181	236	7.3	735	15.5	0.1	1
03...	0841	80513	69.9	181	236	7.3	735	15.0	0.1	1
03...	0842	80513	80.0	181	236	7.3	735	14.5	0.1	1
03...	0843	80513	90.2	181	236	7.3	735	14.0	0.1	1
03...	0844	80513	99.9	181	234	7.3	735	13.5	0.1	1
03...	0845	80513	110	181	229	7.3	735	13.0	0.1	1
03...	0846	80513	120	181	229	7.3	735	12.5	0.1	1
03...	0847	80513	130	181	227	7.3	735	12.0	0.1	1
03...	0848	80513	140	181	226	7.3	735	11.5	0.1	1
03...	0849	80513	150	181	230	7.3	735	11.0	0.1	1
03...	0850	80513	160	181	233	7.3	735	11.0	0.1	1
03...	0851	80513	170	181	240	7.3	735	10.5	0.1	1
03...	0852	80513	180	181	250	7.2	735	10.0	0.0	1
03...	0853	80513	181	181	251	7.3	735	10.0	0.1	1

WHITE RIVER BASIN

07053400 TABLE ROCK LAKE NEAR BRANSON, MISSOURI--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
NOV											
16...	1501	80513	0.0	177	219	7.7	747	16.5	7.4	77	4.80
16...	1502	80513	10.1	177	216	7.7	747	16.0	7.0	72	--
16...	1503	80513	20.0	177	216	7.7	747	16.0	6.8	70	--
16...	1504	80513	30.2	177	216	7.7	747	16.0	6.8	70	--
16...	1505	80513	40.0	177	216	7.7	747	16.0	6.8	70	--
16...	1506	80513	50.0	177	217	7.7	747	16.0	6.7	69	--
16...	1507	80513	60.0	177	217	7.6	747	16.0	6.6	68	--
16...	1508	80513	70.0	177	222	7.3	747	15.5	3.6	36	--
16...	1509	80513	80.0	177	238	7.1	747	14.5	0.5	5	--
16...	1510	80513	90.0	177	233	7.1	747	14.5	0.5	5	--
16...	1511	80513	100	177	228	7.1	747	14.0	0.5	4	--
16...	1512	80513	110	177	236	7.1	747	13.5	0.4	4	--
16...	1513	80513	120	177	232	7.1	747	13.0	0.4	4	--
16...	1514	80513	130	177	226	7.1	747	12.5	0.4	4	--
16...	1515	80513	140	177	226	7.1	747	12.0	0.4	4	--
16...	1516	80513	150	177	227	7.1	747	11.5	0.4	4	--
16...	1517	80513	160	177	230	7.0	747	11.0	0.4	4	--
16...	1518	80513	170	177	233	7.0	747	11.0	0.4	4	--
16...	1519	80513	177	177	239	7.0	747	10.5	0.4	4	--

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
DEC											
06...	1410	80513	0.0	190	214	7.9	742	14.0	7.8	77	2.10
06...	1411	80513	10.1	190	214	7.9	742	14.0	7.3	73	--
06...	1412	80513	20.0	190	215	7.8	742	13.5	7.1	71	--
06...	1413	80513	29.8	190	216	7.9	742	13.5	7.1	71	--
06...	1414	80513	40.0	190	217	7.9	742	13.5	7.0	69	--
06...	1415	80513	49.9	190	219	7.8	742	13.5	6.9	68	--
06...	1416	80513	60.2	190	219	7.8	742	13.5	6.9	68	--
06...	1417	80513	69.9	190	219	7.8	742	13.5	6.9	68	--
06...	1418	80513	79.9	190	222	7.8	742	13.5	6.7	67	--
06...	1419	80513	89.9	190	222	7.8	742	13.5	6.7	66	--
06...	1420	80513	99.9	190	222	7.8	742	13.5	6.7	66	--
06...	1421	80513	110	190	223	7.8	742	13.5	6.5	64	--
06...	1422	80513	120	190	226	7.7	742	13.5	4.7	46	--
06...	1423	80513	130	190	225	7.5	742	13.0	0.9	9	--
06...	1424	80513	140	190	224	7.4	742	12.5	0.1	1	--
06...	1425	80513	150	190	228	7.4	742	12.0	0.1	1	--
06...	1426	80513	160	190	229	7.4	742	11.5	0.1	1	--
06...	1427	80513	170	190	234	7.4	742	11.0	0.1	1	--
06...	1428	80513	180	190	242	7.4	742	10.5	0.1	1	--
06...	1429	80513	190	190	256	7.4	742	10.0	0.1	1	--

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
21...	1203	80513	80513	0.0	183	219	7.1	749	8.5	9.7	85
21...	1204	80513	80020	3.00	183	219	7.2	749	8.5	9.4	82
21...	1205	80513	80513	10.3	183	219	7.3	749	8.5	9.3	81
21...	1206	80513	80513	20.0	183	219	7.3	749	8.5	9.3	81
21...	1207	80513	80513	30.1	183	219	7.4	749	8.5	9.2	81
21...	1208	80513	80513	40.0	183	219	7.4	749	8.5	9.2	81
21...	1209	80513	80513	50.1	183	219	7.5	749	8.5	9.2	80
21...	1210	80513	80513	60.6	183	219	7.5	749	8.5	9.2	80
21...	1211	80513	80513	70.4	183	219	7.5	749	8.5	9.1	80
21...	1212	80513	80513	80.1	183	219	7.5	749	8.5	9.1	80
21...	1214	80513	81213	90.0	183	219	7.5	749	8.5	9.1	80
21...	1215	80513	80513	99.8	183	218	7.6	749	8.5	9.1	80
21...	1216	80513	80513	111	183	219	7.6	749	8.5	9.1	80
21...	1217	80513	80513	121	183	219	7.6	749	8.5	9.1	80
21...	1218	80513	80513	131	183	219	7.6	749	8.5	9.1	80
21...	1219	80513	80513	142	183	220	7.6	749	8.5	9.1	80
21...	1220	80513	80513	149	183	219	7.6	749	9.0	9.1	79
21...	1221	80513	80513	160	183	219	7.6	749	8.5	9.1	79
21...	1222	80513	80513	171	183	219	7.6	749	8.5	9.1	79
21...	1223	80513	80513	183	183	219	7.6	749	8.5	9.0	79

		TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS/ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL (5 DAY MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
DATE	TIME									

		SODIUM AD- SORP- TION RATIO (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CaCO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS Cl) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER- AC-FT) (70303)
DATE	TIME	SODIUM PERCENT (00932)							
JAN									
21...	1214	7	0.2	1.7	100	6.6	5.8	118	0.19

99

NITRO-

				NITRO-GEN NITRITE TOTAL (MG/L AS N) (00615)		NITRO-GEN NO2+NO3 TOTAL (MG/L AS N) (00630)		NITRO-GEN AMMONIA TOTAL (MG/L AS N) (00610)		NITRO-GEN MONI + ORGANIC TOTAL (MG/L AS N) (00625)		PHOS- PHORUS TOTAL (MG/L AS P) (00665)		PHOS- PHORUS TOTAL (MG/L AS P) (00507)		CHLOR-A PHYTO- PLANK- TON CHROMO- FLUOROM (UG/L) (70953)		CHLOR-B PHYTO- PLANK- TON CHROMO- FLUOROM (UG/L) (70954)			
JAN																2.20		<0.100			
21...		1204																			
21...		1214		<0.010		0.300		<0.010		<0.20		0.030		0.020							
		AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)		SAMPLING DEPTH (FEET) (00003)		RESER- VOIR DEPTH (FEET) (72025)		SPECIFIC CON- DUCT- ANCE (US/CM) (00095)		PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)		BARO- METRIC PRES- SURE (MM OF HG) (00025)		TEMPER- ATURE (DEG C) (00010)		OXYGEN, DIS- SOLVED (MG/L) (00300)		OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)		TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	
DATE		TIME																			
MAR																					
22...	0851	80513	0.0	211	224	8.3	736	12.0	13.3	127	2.70										
22...	0852	80513	10.0	211	224	8.3	736	12.0	13.2	126	--										
22...	0853	80513	20.0	211	223	8.2	736	11.0	13.3	125	--										
22...	0854	80513	30.0	211	224	8.2	736	9.5	13.0	118	--										
22...	0855	80513	40.0	211	222	8.1	736	9.0	13.0	117	--										
22...	0856	80513	50.0	211	223	8.0	736	8.0	12.4	109	--										
22...	0857	80513	60.0	211	223	8.0	736	8.0	12.2	106	--										
22...	0858	80513	70.0	211	223	7.9	736	7.5	11.8	102	--										
22...	0859	80513	80.0	211	224	7.9	736	7.5	11.7	101	--										
22...	0900	80513	90.0	211	224	7.9	736	7.5	11.7	100	--										
22...	0901	80513	100	211	224	7.8	736	7.0	11.5	99	--										
22...	0902	80513	110	211	224	7.8	736	7.0	11.4	98	--										
22...	0903	80513	120	211	224	7.8	736	7.0	11.4	97	--										
22...	0904	80513	130	211	226	7.8	736	7.0	11.3	96	--										
22...	0905	80513	140	211	224	7.8	736	7.0	11.3	96	--										
22...	0906	80513	150	211	226	7.8	736	6.5	11.2	95	--										
22...	0907	80513	160	211	226	7.7	736	6.5	11.1	94	--										
22...	0908	80513	170	211	228	7.7	736	6.5	10.9	92	--										
22...	0909	80513	180	211	229	7.7	736	6.5	10.7	90	--										
22...	0910	80513	190	211	235	7.6	736	6.5	10.3	87	--										
22...	0911	80513	200	211	238	7.6	736	6.5	10.0	84	--										
22...	0912	80513	211	211	238	7.6	736	6.5	9.9	83	--										
		AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	SAMPLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPECIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)										
DATE		TIME																			
MAY																					
25...	0834	80513	80513	0.0	198	211	8.7	749	20.5	9.8	111										
25...	0835	80513	81213	3.00	198	210	8.7	749	20.5	9.8	111										
25...	0836	80513	80513	10.0	198	211	8.7	749	20.5	9.8	111										
25...	0837	80513	80513	15.0	198	211	8.6	749	19.0	9.6	106										
25...	0838	80513	80513	18.0	198	212	8.5	749	18.0	9.4	101										
25...	0839	80513	80513	20.0	198	212	8.5	749	18.0	9.3	100										
25...	0841	80513	80513	30.0	198	212	8.4	749	17.0	8.7	91										
25...	0842	80513	80513	40.0	198	215	8.2	749	15.5	7.7	79										
25...	0843	80513	80513	50.0	198	216	8.0	749	15.0	7.2	72										
25...	0844	80513	80513	60.0	198	216	7.9	749	14.5	6.6	66										
25...	0845	80513	80513	70.0	198	223	7.8	749	13.5	6.1	59										
25...	0846	80513	80513	80.0	198	234	7.7	749	13.5	5.9	58										
25...	0847	80513	80513	90.0	198	224	7.6	749	12.5	6.0	58										
25...	0848	80513	81213	100	198	214	7.6	749	12.0	6.3	59										
25...	0849	80513	80513	110	198	211	7.7	749	11.5	6.5	60										
25...	0850	80513	80513	120	198	219	7.7	749	10.5	6.5	59										
25...	0851	80513	80513	130	198	211	7.6	749	9.0	6.9	61										
25...	0852	80513	80513	140	198	219	7.6	749	8.5	6.8	59										
25...	0853	80513	80513	150	198	231	7.6	749	8.0	6.7	58										
25...	0854	80513	80513	160	198	240	7.6	749	7.5	6.5	55										
25...	0855	80513	80513	170	198	244	7.6	749	7.5	6.3	53										
25...	0856	80513	80513	180	198	244	7.6	749	7.5	6.2	53										
25...	0857	80513	80513	190	198	244	7.6	749	7.5	6.2	52										
25...	0858	80513	80513	198	198	244	7.6	749	7.5	6.1	51										
				TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)		COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)		COLOR PLAT- INUM- COBALT (UNITS) (00080)		TUR- BID- ITY (NTU) (00076)		OXYGEN DEMAND, BIO- CHEM- ICAL 5 DAY (MG/L) (00310)		NITRO- GEN NITRITE TOTAL (MG/L AS N) (00615)							
DATE		TIME																			
MAY																					
25.	0834			3.70	86	--	--	--	--	--	--										
25.	0848			--	--	<5	<0.40	<2.0	<0.010												
				NITRO- GEN NO2+NO3 TOTAL (MG/L AS N) (00630)		PHOS- PHORUS TOTAL (MG/L AS P) (00665)		PHOS- PHORUS TOTAL (MG/L AS P) (00507)		CHLOR-A PHYTO- PLANK- TON CHROMO- FLUOROM (UG/L) (70953)		CHLOR-B PHYTO- PLANK- TON CHROMO- FLUOROM (UG/L) (70954)									
DATE		TIME																			
MAY																					
25.	0835			--	--	--	0.300	2.00	--	--	--										
25.	0848			0.720	0.020	0.030	--	--	--	--	--										

WHITE RIVER BASIN

07053400 TABLE ROCK LAKE NEAR BRANSON, MISSOURI--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAM- PLING DEPTH (FEET)	RESER- VOIR DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER FIELD (STAND- ARD UNITS)	BARO- METRIC PRES- SURE (MM OF HG)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	TRANS- PAR- ENCY (SECCHI DISK)
JUN											
14...	0823	80513	0.0	212	200	8.3	748	22.5	10	118	1.20
14...	0824	80513	10.0	212	201	8.3	748	22.5	9.4	111	--
14...	0826	80513	20.0	212	205	8.2	748	22.0	8.5	100	--
14...	0827	80513	27.0	212	215	8.0	748	21.0	7.4	85	--
14...	0828	80513	30.0	212	222	7.8	748	20.0	6.4	72	--
14...	0831	80513	32.0	212	226	7.6	748	19.0	5.4	59	--
14...	0832	80513	35.0	212	228	7.6	748	18.0	5.4	58	--
14...	0834	80513	40.0	212	229	7.6	748	17.0	5.6	59	--
14...	0835	80513	50.0	212	228	7.6	748	16.0	5.5	57	--
14...	0836	80513	60.0	212	229	7.5	748	15.0	5.2	53	--
14...	0837	80513	70.0	212	232	7.4	748	14.5	5.0	50	--
14...	0838	80513	80.0	212	242	7.4	748	14.0	4.8	48	--
14...	0839	80513	90.0	212	250	7.3	748	14.0	4.8	47	--
14...	0840	80513	100	212	246	7.3	748	13.5	5.0	49	--
14...	0841	80513	110	212	240	7.3	748	13.0	5.1	50	--
14...	0842	80513	120	212	239	7.3	748	12.5	5.0	48	--
14...	0843	80513	130	212	236	7.3	748	12.5	5.0	48	--
14...	0844	80513	140	212	214	7.3	748	11.5	5.5	52	--
14...	0845	80513	150	212	211	7.3	748	11.0	5.6	51	--
14...	0846	80513	160	212	216	7.2	748	10.0	5.4	49	--
14...	0847	80513	170	212	228	7.2	748	8.5	4.9	42	--
14...	0848	80513	180	212	239	7.1	748	8.0	4.3	37	--
14...	0849	80513	190	212	244	7.1	748	8.0	4.1	36	--
14...	0850	80513	200	212	245	7.1	748	8.0	4.1	35	--
14...	0851	80513	210	212	245	7.1	748	7.5	3.8	32	--
14...	0852	80513	212	212	245	7.1	748	7.5	3.8	32	--
JUL											
12...	1430	80513	0.0	180	193	8.5	749	31.5	8.5	118	2.60
12...	1432	80513	2.00	180	192	8.5	749	30.5	9.0	122	--
12...	1433	80513	4.00	180	191	8.6	749	29.5	9.1	121	--
12...	1434	80513	10.0	180	189	8.6	749	28.5	9.8	129	--
12...	1435	80513	15.0	180	187	8.7	749	27.5	10.2	132	--
12...	1436	80513	17.0	180	194	8.6	749	26.5	9.3	118	--
12...	1437	80513	19.0	180	204	8.2	749	25.0	6.8	84	--
12...	1438	80513	20.0	180	205	8.2	749	25.0	6.5	79	--
12...	1439	80513	23.0	180	219	7.6	749	23.5	3.8	45	--
12...	1440	80513	26.0	180	228	7.5	749	22.0	1.9	23	--
12...	1441	80513	30.1	180	243	7.4	749	20.5	0.5	6	--
12...	1442	80513	32.0	180	246	7.3	749	19.5	0.4	4	--
12...	1443	80513	37.0	180	250	7.3	749	18.5	0.8	9	--
12...	1444	80513	40.0	180	248	7.3	749	18.0	1.1	12	--
12...	1445	80513	50.0	180	237	7.4	749	17.0	2.3	25	--
12...	1446	80513	60.0	180	233	7.4	749	16.5	2.9	30	--
12...	1447	80513	70.0	180	238	7.5	749	16.0	3.2	33	--
12...	1448	80513	80.0	180	240	7.5	749	15.0	3.5	36	--
12...	1449	80513	90.0	180	240	7.5	749	15.0	3.7	37	--
12...	1450	80513	100	180	232	7.6	749	14.5	4.0	40	--
12...	1451	80513	110	180	225	7.6	749	14.0	4.2	41	--
12...	1452	80513	120	180	224	7.6	749	13.5	4.1	40	--
12...	1453	80513	130	180	215	7.6	749	13.0	4.6	44	--
12...	1454	80513	140	180	200	7.7	749	12.5	5.0	48	--
12...	1455	80513	150	180	196	7.7	749	12.0	4.8	45	--
12...	1456	80513	160	180	197	7.6	749	11.5	4.2	39	--
12...	1457	80513	170	180	218	7.5	749	10.5	1.8	16	--
12...	1458	80513	180	180	241	7.5	749	10.0	0.2	2	--
AUG											
17...	1409	80513	0.0	185	200	8.3	760	31.5	7.5	101	2.70
17...	1410	80513	10.0	185	200	8.4	760	30.5	7.6	101	--
17...	1411	80513	20.0	185	200	8.4	760	30.0	7.4	98	--
17...	1412	80513	21.0	185	204	8.3	760	29.0	6.7	87	--
17...	1413	80513	22.0	185	209	8.1	760	27.5	5.8	74	--
17...	1414	80513	24.0	185	213	8.0	760	27.0	5.0	64	--
17...	1415	80513	25.0	185	222	7.7	760	25.5	3.8	47	--
17...	1416	80513	26.0	185	226	7.7	760	25.0	3.3	41	--
17...	1417	80513	28.0	185	236	7.5	760	23.5	2.5	30	--
17...	1418	80513	30.0	185	242	7.5	760	23.0	2.1	25	--
17...	1419	80513	32.0	185	248	7.4	760	22.0	1.3	15	--
17...	1420	80513	33.0	185	254	7.4	760	21.5	0.8	9	--
17...	1421	80513	35.0	185	259	7.3	760	20.0	0.2	2	--
17...	1422	80513	38.0	185	265	7.2	760	19.0	0.1	1	--
17...	1423	80513	40.0	185	265	7.2	760	18.5	0.1	1	--
17...	1425	80513	49.0	185	258	7.2	760	18.0	0.0	1	--
17...	1426	80513	50.0	185	257	7.2	760	18.0	0.0	1	--
17...	1427	80513	60.0	185	253	7.2	760	17.0	0.0	1	--
17...	1428	80513	70.0	185	245	7.2	760	16.5	0.5	5	--
17...	1429	80513	80.0	185	235	7.2	760	16.0	1.3	13	--
17...	1430	80513	90.0	185	231	7.3	760	15.5	1.7	17	--
17...	1431	80513	100	185	228	7.3	760	15.0	2.1	21	--
17...	1432	80513	110	185	217	7.3	760	14.5	2.5	24	--
17...	1433	80513	120	185	203	7.3	760	14.0	2.8	27	--
17...	1434	80513	130	185	189	7.2	760	13.5	2.8	27	--
17...	1435	80513	140	185	191	7.2	760	13.5	2.4	23	--
17...	1436	80513	150	185	196	7.2	760	13.0	1.9	18	--
17...	1437	80513	160	185	208	7.2	760	12.5	0.4	4	--
17...	1438	80513	170	185	216	7.2	760	12.0	0.1	1	--
17...	1440	80513	178	185	231	7.3	760	11.0	0.1	1	--
17...	1441	80513	180	185	245	7.4	760	10.0	0.1	1	--
17...	1442	80513	185	185	247	7.4	185	10.0	0.0	2	--

WHITE RIVER BASIN

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07053400 TABLE ROCK LAKE NEAR BRANSON, MISSOURI--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
AUG											
24...	1130	80513	80513	0.0	170	200	8.6	742	29.0	7.4	99
24...	1131	80513	81213	3.00	170	199	8.6	742	29.0	7.3	98
24...	1132	80513	81213	25.0	170	231	7.6	742	24.5	3.4	42
24...	1133	80513	81213	100	170	223	7.6	742	15.0	2.5	26
DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM- FECAL, 0.7 UM-MF (COLS / 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL 5 DAY (MG/L) (00310)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)
AUG											
24...	1130	3.50	K1	--	--	--	--	--	--	--	--
24...	1131	--	--	--	--	--	--	--	--	--	0.300
24...	1132	--	--	5	0.50	<2.0	0.040	0.150	0.040	0.010	--
24...	1133	--	--	5	0.30	<2.0	0.010	0.550	0.020	0.010	--
DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
SEP											
15...	1107	80513	0.0	190	213	8.3	755	24.5	8.0	97	2.40
15...	1108	80513	10.0	190	213	8.3	755	25.0	7.9	96	--
15...	1109	80513	20.0	190	212	8.3	755	25.0	7.7	94	--
15...	1110	80513	30.0	190	217	8.0	755	24.5	6.0	72	--
15...	1111	80513	34.0	190	243	7.4	755	23.0	1.0	12	--
15...	1112	80513	36.0	190	255	7.3	755	21.0	0.1	2	--
15...	1113	80513	37.0	190	257	7.2	755	20.5	0.1	1	--
15...	1114	80513	39.0	190	259	7.2	755	19.5	0.1	1	--
15...	1115	80513	40.0	190	260	7.2	755	19.0	0.1	1	--
15...	1116	80513	47.0	190	256	7.2	755	18.0	0.1	1	--
15...	1117	80513	50.0	190	255	7.2	755	18.0	0.1	1	--
15...	1118	80513	60.0	190	247	7.2	755	17.0	0.1	1	--
15...	1119	80513	70.0	190	239	7.2	755	16.5	0.1	1	--
15...	1120	80513	80.0	190	226	7.2	755	16.0	0.4	4	--
15...	1121	80513	90.0	190	215	7.2	755	15.5	1	10	--
15...	1122	80513	100	190	198	7.1	755	15.0	1.5	15	--
15...	1123	80513	110	190	209	7.2	755	15.0	1.4	14	--
15...	1124	80513	120	190	198	7.2	755	14.5	1.5	15	--
15...	1125	80513	130	190	196	7.1	755	14.0	1.3	13	--
15...	1126	80513	140	190	212	7.2	755	14.0	0.4	4	--
15...	1127	80513	150	190	197	7.1	755	13.0	0.1	1	--
15...	1128	80513	160	190	202	7.1	755	13.0	0.0	1	--
15...	1129	80513	170	190	230	7.2	755	12.5	0.1	1	--
15...	1130	80513	180	190	233	7.3	755	11.5	0.1	1	--
15...	1131	80513	190	190	247	7.3	755	10.5	0.0	1	--
DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
SEP											
26...	0850	80513	0.0	169	220	8.2	748	20.5	7.8	89	7.30
26...	0851	80513	10.0	169	220	8.2	748	21.0	7.8	88	--
26...	0852	80513	20.0	169	218	8.2	748	21.0	7.7	88	--
26...	0853	80513	30.0	169	220	8.2	748	21.0	7.7	87	--
26...	0854	80513	40.0	169	220	8.2	748	21.0	7.7	87	--
26...	0856	80513	43.0	169	238	7.9	748	20.0	1.6	18	--
26...	0857	80513	44.0	169	258	7.3	748	18.5	0.2	2	--
26...	0858	80513	47.0	169	255	7.2	748	18.0	0.1	2	--
26...	0859	80513	50.0	169	254	7.2	748	18.0	0.1	2	--
26...	0900	80513	60.0	169	248	7.2	748	17.0	0.1	1	--
26...	0901	80513	70.0	169	236	7.2	748	16.5	0.1	1	--
26...	0902	80513	80.0	169	216	7.1	748	16.0	0.3	3	--
26...	0903	80513	90.0	169	201	7.1	748	15.5	0.9	9	--
26...	0904	80513	100	169	195	7.1	748	15.0	1.0	10	--
26...	0905	80513	110	169	191	7.0	748	15.0	1.0	11	--
26...	0906	80513	120	169	203	7.1	748	14.5	1	10	--
26...	0907	80513	130	169	220	7.1	748	14.5	0.4	4	--
26...	0908	80513	140	169	208	7.0	748	14.0	0.2	2	--
26...	0909	80513	150	169	216	7.0	748	13.0	0.1	1	--
26...	0910	80513	160	169	205	7.0	748	12.5	0.1	1	--
26...	0911	80513	169	169	221	7.0	748	12.0	0.1	1	--

WHITE RIVER BASIN

07053450 WHITE RIVER BELOW TABLE ROCK DAM, NEAR BRANSON, MISSOURI

LOCATION.--Lat 36°35'40", long 93°18'33", in NW¼ sec.22, T.22 N., R.22 W., Taney County, Hydrologic Unit 11010001, at dam on White River, 3.0 mi upstream from Fall Creek and 6.1 mi southwest of Branson, Missouri.

DRAINAGE AREA.--4,020 mi².

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
OCT										
13...	1437	80513	80513	234	7.4	744	13.5	6.4	63	--
18...	0742	80513	80513	227	7.1	741	12.5	5.2	50	--
NOV										
03...	0806	80513	80513	228	7.0	740	14.0	2.0	19	--
16...	1430	80513	80513	232	7.1	752	12.5	5.6	53	--
DEC										
06...	1500	80513	80513	225	7.7	745	13.5	7.9	77	--
JAN										
21...	1132	80513	81213	220	7.3	755	9.0	9.9	86	K12
MAR										
22...	0826	80513	80513	227	7.8	742	7.5	11.8	100	--
MAY										
25...	0806	80513	81213	224	7.7	754	9.5	7.2	64	44
JUN										
14...	0757	80513	80513	233	7.0	754	11.0	6.8	62	--
JUL										
12...	1523	80513	80513	219	7.7	753	13.0	4.9	47	--
AUG										
17...	1349	80513	80513	211	7.2	760	15.0	4.7	47	--
24...	1104	80513	81213	214	7.6	746	14.0	5.4	54	K1
SEP										
15...	1202	80513	80513	207	7.4	758	15.0	7.9	79	--
26...	0811	80513	80513	207	7.1	753	14.0	4.7	46	--

DATE	TIME	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
JAN									
21...	1132	<5	1.7	<2.0	110	35	5.4	3.8	7
MAY									
25...	0806	<5	<0.50	<2.0	120	38	6.0	4.3	7
AUG									
24...	1104	--	--	<2.0	98	32	4.4	2.7	6

DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L AC-FT) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00615)
JAN									
21...	1132	0.2	1.7	92	6.6	5.8	113	0.16	<0.010
MAY									
25...	0806	0.2	1.5	--	7.7	6.2	--	--	<0.010
AUG									
24...	1104	0.1	1.5	--	6.4	3.8	--	--	0.010

DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)
JAN									
21...	1132	0.300	0.020	0.26	0.28	0.020	0.020	20	<1
MAY									
25...	0806	0.670	0.030	--	<0.20	<0.020	0.020	20	<1
AUG									
24...	1104	0.510	0.050	0.20	0.25	0.030	0.030	20	<1

DATE	TIME	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
JAN									
21...	1132	<1	1	40	1	23	0.10	1	10
MAY									
25...	0806	<1	1	20	<1	17	0.10	<1	5
AUG									
24...	1104	<1	<1	70	<1	160	<0.10	<1	120

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LOCATION.--Lat 36°40'17" long 93°07'10", in SE1/4NE1/4, sec.5, T.23 N., R.20 W., Taney County, Missouri, Hydrologic Unit 11010003, on Bull Shoals Lake at Forsyth, Missouri.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	SAM-PLING DEPTH (FEET)	RESER-VOIR DEPTH (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD)	BARO-METRIC PRES-SURE (MM OF HG)	TEMPER-ATURE WATER (DEG C)	OXYGEN, DIS-SOLVED (MG/L)
		(00027)	(00028)	(00003)	(72025)	(00095)	(00400)	(00025)	(00010)	(00300)
JAN										
12...	1512	80513	80513	0.0	10.0	230	8.0	743	9.5	10.5
12...	1513	80513	80020	3.20	10.0	230	8.0	743	9.5	10.4
12...	1514	80513	81213	5.00	10.0	231	8.0	743	9.5	10.4
MAY										
24...	0802	80513	80513	0.0	20.0	271	8.1	753	17.5	8.9
24...	0803	80513	81213	3.00	20.0	216	8.0	753	13.0	9.4
24...	0804	80513	81213	10.0	20.0	213	7.9	753	12.5	9.5
AUG										
24...	0857	80513	80513	0.0	4.0	222	7.5	749	17.5	8.0
24...	0858	80513	81213	2.00	4.0	221	7.7	749	17.5	7.5
24...	0859	80513	81213	3.00	4.0	221	7.4	749	17.5	6.7

[illegible]

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN 12...	1514	3.5	6	0.1	1.7	130	6.8	5.6	136	0.16
AUG 24...	0858	--	--	--	--	--	6.5	4.3	--	--

[illegible]

WHITE RIVER BASIN

07054220 BULL SHOALS LAKE ON FOX CREEK NEAR MISSOURI-ARKANSAS STATE LINE

LOCATION.--Lat 36°30'05" long 93°03'26", in SE1/4SE1/4, sec.1, T.21 N., R.20 W., Taney County, Missouri, Hydrologic Unit 11010003, on Bull Shoals Lake (Fox Creek Arm), 3.8 mi north of New Hope, Arkansas.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
21...	1028	80513	80513	0.0	30.0	212	7.6	756	7.0	10.8
21...	1029	80513	80020	3.00	30.0	213	7.6	756	7.0	10.5
21...	1030	80513	81213	15.0	30.0	212	7.7	756	7.0	10.5
MAY										
17...	0948	80513	80513	0.0	30.0	312	8.2	743	22.5	9.8
17...	0949	80513	81213	3.00	30.0	272	8.5	743	20.5	13.2
17...	0950	80513	81213	15.0	30.0	278	8.3	743	16.0	11.9
AUG										
28...	1409	80513	80513	0.0	18.0	211	8.3	757	31.5	7.8
28...	1410	80513	81213	3.00	18.0	212	8.3	757	31.0	7.9
28...	1411	80513	81213	9.10	18.0	220	8.2	757	30.0	7.2

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
21...	1028	90	0.18	110	--	--	--	--	--	--
21...	1029	88	--	--	--	--	--	--	--	--
21...	1030	88	--	--	40	36	<2.0	120	30	9.8
MAY										
17...	0948	117	1.70	83	--	--	--	--	--	--
17...	0949	151	--	--	--	--	--	--	--	--
17...	0950	123	--	--	5	<0.90	<2.0	--	--	--
AUG										
28...	1409	107	2.00	<1	--	--	--	--	--	--
28...	1410	108	--	--	--	--	--	--	--	--
28...	1411	96	--	--	5	0.70	2.0	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
21...	1030	1.9	3	0.1	1.5	110	5.3	3.3	118	0.14

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
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JAN										
21...	1029	--	--	--	--	--	--	--	1.70	<0.100
21...	1030	0.010	0.410	0.030	0.33	0.36	0.030	0.030	--	--
MAY										
17...	0949	--	--	--	--	--	--	--	2.00	3.00
17...	0950	0.010	0.340	--	--	--	<0.020	0.010	--	--
AUG										
28...	1410	--	--	--	--	--	--	--	3.00	--
28...	1411	0.010	0.020	--	--	--	0.020	0.010	--	--

WHITE RIVER BASIN

105

07054298 BULL SHOALS LAKE NEAR KIRBYVILLE, MISSOURI

LOCATION.--Lat 36°36'11" long 93°04'15", in NE1/4SW1/4NE1/4, sec.33, T.23 N., R.20 W., Taney County, Missouri, Hydrologic Unit 11010003, on Bull Shoals Lake, 3.9 mi southeast of Kirbyville, Missouri.

PERIOD OF RECORD.--January 1992 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
12...	1436	80513	80513	0.0	26.0	236	8.1	744	9.0	10.9
12...	1437	80513	80020	3.00	26.0	235	8.1	744	8.5	10.8
12...	1438	80513	81213	13.0	26.0	235	8.1	744	8.5	10.6
MAY										
24...	0731	80513	80513	0.0	42.0	231	8.5	754	21.5	12.5
24...	0732	80513	81213	3.00	42.0	232	8.5	754	21.5	12.5
24...	0733	80513	81213	21.0	42.0	221	8.0	754	13.5	10.7
AUG										
24...	0952	80513	80513	0.0	55.0	209	8.6	749	29.5	8.2
24...	0953	80513	81213	3.00	55.0	208	8.6	749	29.5	8.1
24...	0954	80513	81213	11.0	55.0	209	8.4	749	29.5	7.8
24...	0955	80513	81213	44.0	55.0	230	7.6	749	18.5	5.5

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED AS CA (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
12...	1436	96	1.10	K1	--	--	--	--	--	--
12...	1437	95	--	--	--	--	--	--	--	--
12...	1438	93	--	--	5	5.2	<2.0	120	36	6.9
MAY										
24...	0731	143	0.91	K5	--	--	--	--	--	--
24...	0732	144	--	--	--	--	--	--	--	--
24...	0733	104	--	--	<5	1.1	--	--	--	--
AUG										
24...	0952	110	1.40	K1	--	--	--	--	--	--
24...	0953	109	--	--	--	--	--	--	--	--
24...	0954	105	--	--	5	2.1	2.0	--	--	--
24...	0955	59	--	--	5	11	<2.0	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
12...	1438	3.3	6	0.1	1.7	118	6.7	5.5	131	0.17
AUG										
24...	0954	--	--	--	--	--	6.3	5.0	--	--
24...	0955	--	--	--	--	--	6.4	4.5	--	--

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JAN										
12...	1437	--	--	--	--	--	--	--	3.00	<0.100
12...	1438	<0.010	0.250	0.030	0.23	0.26	0.050	0.010	--	--
MAY										
24...	0732	--	--	--	--	--	--	--	2.00	2.00
24...	0733	0.010	0.590	--	--	--	<0.020	0.010	--	--
AUG										
24...	0953	--	--	--	--	--	--	--	4.00	--
24...	0954	0.010	0.020	--	--	--	0.070	0.010	--	--
24...	0955	0.010	0.440	--	--	--	0.070	0.010	--	--

WHITE RIVER BASIN

07054425 BULL SHOALS LAKE NEAR DIAMOND CITY

LOCATION.--Lat 36°29'49" long 92°54'53", in SW1/4NW1/4SE1/4, sec.16, T.21 N., R.18 W., Boone County, Hydrologic Unit 11010003, on Bull Shoals Lake, 1.1 mi north of Diamond City.

PERIOD OF RECORD.--January 1992 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
21...	0946	80513	80513	0.0	120	234	8.0	756	6.5	11.3
21...	0947	80513	80020	3.00	120	234	8.0	756	7.0	11.2
21...	0948	80513	81213	60.0	120	235	8.0	756	7.0	11.0
MAY										
17...	1058	80513	80513	0.0	120	261	8.6	743	21.5	10.4
17...	1059	80513	81213	3.00	120	262	8.6	743	21.5	10.5
17...	1100	80513	81213	60.0	120	260	8.0	743	12.0	9.8
AUG										
28...	1506	80513	80513	0.0	110	228	8.4	757	30.5	8.6
28...	1507	80513	81213	3.00	110	228	8.4	757	31.0	8.5
28...	1509	80513	81213	22.0	110	230	8.4	757	30.0	7.9
28...	1511	80513	81213	88.9	110	253	7.1	757	15.5	1
DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
21...	0946	93	0.98	30	--	--	--	--	--	--
21...	0947	92	--	--	--	--	--	--	--	--
21...	0948	91	--	--	5	4.8	<2.0	120	36	8.1
MAY										
17...	1058	122	1.30	22	--	--	--	--	--	--
17...	1059	122	--	--	--	--	--	--	--	--
17...	1100	94	--	--	<5	<0.50	<2.0	--	--	--
AUG										
28...	1506	116	3.30	K2	--	--	--	--	--	--
28...	1507	114	--	--	--	--	--	--	--	--
28...	1509	104	--	--	5	0.50	<2.0	--	--	--
28...	1511	10	--	--	5	3.1	<2.0	--	--	--
DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
21...	0948	3.1	5	0.1	1.6	120	6.1	4.9	132	0.17
DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JAN										
21...	0947	--	--	--	--	--	--	--	5.70	0.400
21...	0948	<0.010	0.210	0.030	0.29	0.32	0.030	<0.010	--	--
MAY										
17...	1059	--	--	--	--	--	--	--	3.00	0.500
17...	1100	0.010	0.580	--	--	--	<0.020	0.010	--	--
AUG										
28...	1507	--	--	--	--	--	--	--	2.00	--
28...	1509	0.010	0.020	--	--	--	0.020	0.010	--	--
28...	1511	0.010	0.560	--	--	--	0.020	0.020	--	--

WHITE RIVER BASIN

107

07054460 BULL SHOALS LAKE NEAR BUCK CREEK

LOCATION.--Lat 36°29'35" long 92°47'01", in NW1/4NE1/4, sec.22, T.21 N., R.17 W., Marion County, Hydrologic Unit 11010003, on Bull Shoals Lake at Peel Ferry crossing, 5.2 mi north of Peel.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
21...	0819	80513	80513	0.0	140	246	7.7	754	8.0	10.7
21...	0820	80513	80020	3.00	140	245	8.0	754	8.0	10.6
21...	0823	80513	81213	70.0	140	245	8.0	754	8.0	10.4
MAY										
16...	1130	80513	80513	0.0	150	254	8.5	748	21.0	10.0
16...	1131	80513	81213	3.00	150	254	8.5	748	20.5	10.2
16...	1133	80513	81213	75.0	150	256	8.0	748	11.5	9.1
AUG										
28...	1613	80513	80513	0.0	140	239	8.3	756	31.5	7.8
28...	1614	80513	81213	3.00	140	239	8.3	756	31.0	8.0
28...	1616	80513	81213	28.0	140	246	7.7	756	28.5	3.9
28...	1618	80513	81213	112	140	253	7.1	756	14.5	0.8

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- 5 DAY (MG/L) (00310)	HARD- NESS TOTAL AS CACO3 (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
21...	0819	91	1.60	K3	--	--	--	--	--	--
21...	0820	90	--	--	--	--	--	--	--	--
21...	0823	89	--	--	5	1.5	<2.0	130	36	10
MAY										
16...	1130	115	3.50	K1	--	--	--	--	--	--
16...	1131	115	--	--	--	--	--	--	--	--
16...	1133	85	--	--	<5	1.3	<2.0	--	--	--
AUG										
28...	1613	107	4.60	K3	--	--	--	--	--	--
28...	1614	109	--	--	--	--	--	--	--	--
28...	1616	51	--	--	5	1.6	<2.0	--	--	--
28...	1618	8	--	--	5	0.60	<2.0	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED PER (TONS AC-FT) (70303)
JAN										
21...	0823	2.9	5	0.1	1.6	120	6.1	4.5	133	0.17

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JAN										
21...	0820	--	--	--	--	--	--	--	3.80	<0.100
21...	0823	<0.010	0.240	0.020	0.18	0.20	<0.020	<0.010	--	--
MAY										
16...	1131	--	--	--	--	--	--	--	0.900	2.00
16...	1133	<0.010	0.520	--	--	--	<0.020	0.010	--	--
AUG										
28...	1614	--	--	--	--	--	--	--	1.00	--
28...	1616	0.010	0.590	--	--	--	0.030	0.010	--	--
28...	1618	0.010	0.020	--	--	--	0.020	0.010	--	--

WHITE RIVER BASIN

07054472 BULL SHOALS LAKE BELOW BIG MUSIC CREEK NEAR MIDWAY (LOG BOOM)

LOCATION.--Lat 36°25'50" long 92°40'49 " , in SE1/4NW1/4, sec.33, T.20 N., R.16 W., Marion County, Hydrologic Unit 11010003, on Bull Shoals Lake below Big Music Creek, 1.4 mi west of Ozark Isle.

PERIOD OF RECORD.--August 1977 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
20.	1445	80513	80513	0.0	76.0	249	7.9	752	8.5	10.3
20.	1446	80513	80020	3.00	76.0	249	7.9	752	9.0	10.2
20.	1447	80513	81213	38.0	76.0	248	7.9	752	8.5	10.1
MAY										
16.	1411	80513	80513	0.0	84.0	253	8.4	746	20.5	9.7
16.	1412	80513	81213	3.00	84.0	252	8.4	746	20.5	9.8
16.	1414	80513	81213	42.0	84.0	254	8.0	746	14.5	7.1
AUG										
29.	1042	80513	80513	0.0	100	249	8.4	758	30.0	7.6
29.	1043	80513	81213	3.00	100	249	8.4	758	30.0	7.7
29.	1044	80513	81213	20.0	100	249	8.4	758	29.5	7.6
29.	1046	80513	81213	80.0	100	271	7.2	758	17.0	1.1

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
20.	1445	90	2.30	K1	--	--	--	--	--	--
20.	1446	89	--	--	--	--	--	--	--	--
20.	1447	88	--	--	5	0.80	<2.0	130	36	10
MAY										
16.	1411	111	4.60	K1	--	--	--	--	--	--
16.	1412	111	--	--	--	--	--	--	--	--
16.	1414	72	--	--	<5	<0.80	<2.0	--	--	--
AUG										
29.	1042	102	2.80	K15	--	--	--	--	--	--
29.	1043	102	--	--	--	--	--	--	--	--
29.	1044	101	--	--	5	0.60	<2.0	--	--	--
29.	1046	12	--	--	5	3.3	<2.0	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
20.	1447	2.9	5	0.1	1.6	114	6.2	4.7	130	0.17

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JAN									
20.	1446	--	--	--	--	--	--	2.30	<0.100
20.	1447	<0.010	0.260	0.010	<0.20	<0.020	<0.010	--	--
MAY									
16.	1412	--	--	--	--	--	--	0.500	1.00
16.	1414	<0.010	0.250	--	--	<0.020	<0.010	--	--
AUG									
29.	1043	--	--	--	--	--	--	2.00	--
29.	1044	0.010	0.020	--	--	0.020	0.010	--	--
29.	1046	0.010	0.020	--	--	0.020	0.010	--	--

WHITE RIVER BASIN

109

07054478 BULL SHOALS LAKE AT HIGHWAY 160 NEAR THEODOSIA, MISSOURI

LOCATION.--Lat 36°34'40" long 92°38'47", in NW1/4NE1/4, sec.19, T.22 N., R.15 W., Ozark County, Missouri, Hydrologic Unit 11010003, at bridge on U.S. Highway 160, at Theodosia, Missouri.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
19...	1213	80513	80513	0.0	30.0	278	7.4	745	7.5	10.4
19...	1214	80513	80020	3.00	30.0	280	7.8	745	8.0	10.3
19...	1215	80513	81213	15.0	30.0	282	7.8	745	8.0	10.2
MAY										
16...	1036	80513	80513	0.0	36.0	315	8.5	750	22.5	10.3
16...	1037	80513	81213	3.00	36.0	310	8.5	750	22.0	10.5
16...	1038	80513	81213	18.0	36.0	322	8.3	750	18.5	10
AUG										
29...	0827	80513	80513	0.0	32.0	285	8.2	759	29.5	7.9
29...	0828	80513	81213	3.00	32.0	285	8.2	759	29.5	7.9
29...	0830	80513	81213	16.0	32.0	289	8.2	759	29.5	7.2

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
19...	1213	89	0.61	K170	--	--	--	--	--	--
19...	1214	88	--	--	--	--	--	--	--	--
19...	1215	88	--	--	20	12	<2.0	150	34	16
MAY										
16...	1036	121	1.70	K1	--	--	--	--	--	--
16...	1037	122	--	--	--	--	--	--	--	--
16...	1038	108	--	--	<5	2.0	<2.0	--	--	--
AUG										
29...	0827	104	2.30	K1	--	--	--	--	--	--
29...	0828	105	--	--	--	--	--	--	--	--
29...	0830	95	--	--	5	0.40	<2.0	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
19...	1215	1.8	2	0.1	1.6	130	5.9	3.6	141	0.20

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JAN										
19...	1214	--	--	--	--	--	--	--	2.60	<0.100
19...	1215	0.010	0.390	0.050	0.38	0.43	0.020	0.010	--	--
MAY										
16...	1037	--	--	--	--	--	--	--	3.00	1.00
16...	1038	<0.010	<0.020	--	--	--	<0.020	0.010	--	--
AUG										
29...	0828	--	--	--	--	--	--	--	4.00	--
29...	0830	0.010	0.020	--	--	--	0.040	0.010	--	--

WHITE RIVER BASIN

07054486 BULL SHOALS LAKE ABOVE PINE BRANCH AT INDIAN POINT

LOCATION.--Lat 36°28'30" long 92°37'44", in SW1/4SW1/4, sec.30, T.21 N., R.15 W., Marion County, Hydrologic Unit 11010003, on Bull Shoals Lake, 1.7 mi northwest of Oakland.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
20.	1506	80513	80513	0.0	160	261	7.8	743	9.0	10.1
20.	1507	80513	80020	3.40	160	260	7.9	743	9.0	9.9
20.	1508	80513	81213	80.0	160	261	7.9	743	9.0	9.8
MAY										
16.	1433	80513	80513	0.0	174	257	8.5	746	21.5	9.7
16.	1434	80513	81213	3.00	174	257	8.5	746	21.5	9.7
16.	1437	80513	81213	87.0	174	252	7.9	746	10.0	7.4
AUG										
29.	1104	80513	80513	0.0	160	256	8.4	760	30.0	7.7
29.	1105	80513	81213	3.00	160	255	8.4	760	30.0	7.7
29.	1107	80513	81213	80.0	160	274	7.2	760	17.0	1.6

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
20.	1506	90	2.10	K1	--	--	--	--	--	--
20.	1507	88	--	--	--	--	--	--	--	--
20.	1508	87	--	--	5	1.2	<2.0	140	36	11
MAY										
16.	1433	113	3.80	<1	--	--	--	--	--	--
16.	1434	113	--	--	--	--	--	--	--	--
16.	1437	67	--	--	<5	<0.30	<2.0	--	--	--
AUG										
29.	1104	102	4.40	>170	--	--	--	--	--	--
29.	1105	102	--	--	--	--	--	--	--	--
29.	1107	16	--	--	5	0.20	<2.0	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
20.	1508	2.9	4	0.1	1.6	138	6.1	4.7	145	0.18

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (00665)	PHOS- PHORUS TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
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JAN									
20.	1507	--	--	--	--	--	--	2.40	0.100
20.	1508	<0.010	0.210	0.010	<0.20	0.020	<0.010	--	--
MAY									
16.	1434	--	--	--	--	--	--	0.700	0.200
16.	1437	<0.010	0.390	--	--	<0.020	0.010	--	--
AUG									
29.	1105	--	--	--	--	--	--	1.00	--
29.	1107	0.010	0.350	--	--	0.020	0.010	--	--

WHITE RIVER BASIN

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07054496 BULL SHOALS LAKE AT JIMMIE CREEK NEAR BULL SHOALS

LOCATION.--Lat 36°22'55" long 92°36'52", in SE1/4NW1/4, sec.18, T.20 N., R.15 W., Marion County, Hydrologic Unit 11010003, on Bull Shoals Lake (Jimmie Creek Arm), 1.2 mi west of Bull Shoals.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
20.	1054	80513	80513	0.0	160	262	8.0	753	9.5	9.9
20.	1058	80513	80020	3.00	160	262	7.9	753	9.5	9.9
20.	1102	80513	81213	80.0	160	262	7.9	753	9.5	9.7
MAY										
17.	1312	80513	80513	0.0	140	258	8.4	743	22.0	9.2
17.	1313	80513	81213	3.00	140	258	8.4	743	22.0	9.2
17.	1314	80513	81213	70.0	140	252	8.0	743	12.0	7.7
AUG										
29.	1415	80513	80513	0.0	135	254	8.4	758	31.0	7.7
29.	1416	80513	81213	3.00	135	254	8.3	758	30.5	7.6
29.	1418	80513	81213	27.0	135	258	8.3	758	26.5	9.2
29.	1420	80513	81213	108	135	265	7.2	758	15.5	1.1

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
20.	1054	88	2.90	K5	--	--	--	--	--	--
20.	1058	87	--	--	--	--	--	--	--	--
20.	1102	86	--	--	5	1.3	<2.0	140	38	11
MAY										
17.	1312	108	3.10	K14	--	--	--	--	--	--
17.	1313	108	--	--	--	--	--	--	--	--
17.	1314	73	--	--	<5	<0.30	<2.0	--	--	--
AUG										
29.	1415	104	4.60	K1	--	--	--	--	--	--
29.	1416	103	--	--	--	--	--	--	--	--
29.	1418	115	--	--	5	0.50	<2.0	--	--	--
29.	1420	11	--	--	5	0.80	<2.0	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
20.	1102	2.9	4	0.1	1.6	124	5.9	4.6	138	0.18

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JAN									
20.	1058	--	--	--	--	--	--	1.60	<0.100
20.	1102	<0.010	0.140	0.020	<0.20	<0.020	<0.010	--	--
MAY									
17.	1313	--	--	--	--	--	--	0.900	0.800
17.	1314	<0.010	0.290	--	--	<0.020	0.010	--	--
AUG									
29.	1416	--	--	--	--	--	--	1.00	--
29.	1418	0.010	0.320	--	--	0.020	0.010	--	--
29.	1420	0.010	0.020	--	--	0.020	0.010	--	--

WHITE RIVER BASIN

07054499 BULL SHOALS LAKE ON HOWARD CREEK NEAR LAKEVIEW

LOCATION.--Lat 36°23'29" long 92°32'19", in SE1/4NE1/4, sec.24, T.20 N., R.14 W., Marion County, Hydrologic Unit 11010003, on Bull Shoals Lake (Howard Creek Arm), 0.8 mi northeast of Lakeview.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
20.	1249	80513	80513	0.0	170	264	7.8	753	9.5	9.5
20.	1250	80513	80020	3.00	170	265	7.8	753	9.5	9.4
20.	1300	80513	81213	85.0	170	265	7.8	753	9.5	9.1
MAY										
17.	1332	80513	80513	0.0	120	256	8.4	743	21.5	9.0
17.	1333	80513	81213	3.00	120	255	8.4	743	20.5	9.5
17.	1335	80513	81213	60.0	120	249	8.0	743	10.0	8.4
AUG										
29.	1352	80513	80513	0.0	160	251	8.3	759	30.5	7.6
29.	1353	80513	81213	3.10	160	251	8.4	759	30.0	7.7
29.	1356	80513	81213	32.0	160	256	8.1	759	24.5	9.0
29.	1358	80513	81213	128	160	268	7.2	759	14.0	1.1

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
20.	1249	85	5.10	<1	--	--	--	--	--	--
20.	1250	83	--	--	--	--	--	--	--	--
20.	1300	81	--	--	5	1.0	<2.0	140	38	11
MAY										
17.	1332	105	3.10	K7	--	--	--	--	--	--
17.	1333	108	--	--	--	--	--	--	--	--
17.	1335	76	--	--	<5	<0.40	<2.0	--	--	--
AUG										
29.	1352	102	4.30	<1	--	--	--	--	--	--
29.	1353	103	--	--	--	--	--	--	--	--
29.	1356	108	--	--	5	0.60	<2.0	--	--	--
29.	1358	11	--	--	5	6.2	<2.0	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
20.	1300	3.0	4	0.1	1.6	136	5.9	4.7	146	0.18

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JAN									
20.	1250	--	--	--	--	--	--	1.30	<0.100
20.	1300	<0.010	0.180	0.020	<0.20	<0.020	<0.010	--	--
MAY									
17.	1333	--	--	--	--	--	--	0.800	0.100
17.	1335	0.010	0.110	--	--	<0.020	<0.010	--	--
AUG									
29.	1353	--	--	--	--	--	--	0.900	--
29.	1356	0.010	0.020	--	--	0.030	0.010	--	--
29.	1358	0.010	0.290	--	--	0.020	0.010	--	--

WHITE RIVER BASIN

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07054500 BULL SHOALS LAKE NEAR FLIPPIN

LOCATION.--Lat 36°21'56", long 92°34'29", in NW1/4 sec.21, T.20 N., R.15 W., Marion County, Hydrologic Unit 11010003, at dam on White River, 6.3 mi northeast of Flippin, 12.5 mi downstream from Little North Fork, and at mile 418.6.

DRAINAGE AREA.--6,051 mi².

PERIOD OF RECORD.--Water years 1954-60, 1972, December 1973 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
OCT											
12...	1345	80513	0.0	173	268	8.1	745	21.0	8.8	101	2.90
12...	1346	80513	10.1	173	268	8.1	745	21.0	8.6	99	---
12...	1347	80513	20.0	173	268	8.1	745	21.0	8.5	97	---
12...	1348	80513	30.0	173	268	8.1	745	21.0	8.3	96	---
12...	1349	80513	40.1	173	268	8.0	745	21.0	8.2	94	---
12...	1351	80513	47.2	173	275	7.6	745	20.0	4.6	52	---
12...	1352	80513	48.1	173	279	7.5	745	20.0	1.7	19	---
12...	1353	80513	49.9	173	284	7.3	745	18.5	0.4	4	---
12...	1355	80513	60.0	173	277	7.3	745	17.5	0.4	4	---
12...	1356	80513	70.1	173	273	7.3	745	16.5	0.7	8	---
12...	1357	80513	79.9	173	274	7.2	745	16.0	0.8	8	---
12...	1358	80513	90.2	173	277	7.2	745	15.5	0.5	6	---
12...	1359	80513	100	173	281	7.2	745	14.5	0.9	9	---
12...	1400	80513	110	173	281	7.3	745	13.5	1.5	18	---
12...	1401	80513	120	173	279	7.3	745	12.5	1.9	18	---
12...	1402	80513	130	173	276	7.2	745	12.0	1.6	15	---
12...	1403	80513	140	173	276	7.2	745	11.5	0.6	5	---
12...	1404	80513	150	173	281	7.2	745	10.5	0.4	3	---
12...	1405	80513	160	173	286	7.2	745	9.5	0.4	3	---
12...	1406	80513	170	173	290	7.3	745	9.0	0.4	3	---
12...	1407	80513	173	173	290	7.3	745	8.5	0.4	3	---

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
OCT											
18...	1127	80513	0.0	172	262	8.0	744	20.0	7.8	88	4.20
18...	1128	80513	9.90	172	262	8.0	744	20.0	7.5	85	---
18...	1129	80513	20.1	172	262	8.0	744	20.0	7.4	83	---
18...	1130	80513	30.1	172	265	7.6	744	19.5	4.4	49	---
18...	1132	80513	40.1	172	270	7.3	744	18.5	0.9	10	---
18...	1133	80513	49.9	172	266	7.2	744	17.5	0.6	6	---
18...	1134	80513	60.0	172	262	7.2	744	17.0	0.8	8	---
18...	1135	80513	70.1	172	265	7.2	744	16.5	0.8	8	---
18...	1137	80513	80.1	172	265	7.2	744	16.0	0.7	8	---
18...	1138	80513	90.4	172	271	7.2	744	15.5	0.6	6	---
18...	1139	80513	100	172	277	7.2	744	14.5	0.8	8	---
18...	1140	80513	110	172	276	7.2	744	13.5	1.1	11	---
18...	1141	80513	120	172	274	7.2	744	12.5	1.3	13	---
18...	1142	80513	130	172	271	7.2	744	12.0	0.9	8	---
18...	1143	80513	140	172	271	7.2	744	11.5	0.5	4	---
18...	1144	80513	150	172	275	7.2	744	10.5	0.5	4	---
18...	1145	80513	160	172	280	7.2	744	10.0	0.5	4	---
18...	1146	80513	170	172	284	7.3	744	9.0	0.5	4	---
18...	1147	80513	172	172	292	7.2	744	9.0	0.4	4	---

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
NOV											
01...	1301	80513	0.0	166	262	7.8	743	18.5	8.2	90	3.60
01...	1302	80513	10.2	166	262	7.9	743	18.5	8.1	89	---
01...	1303	80513	20.2	166	262	7.9	743	18.5	8.0	87	---
01...	1304	80513	30.2	166	262	7.9	743	18.5	7.9	86	---
01...	1305	80513	40.3	166	263	7.9	743	18.5	7.8	85	---
01...	1306	80513	50.1	166	262	7.9	743	18.5	7.9	86	---
01...	1308	80513	60.3	166	263	7.9	743	18.0	7.7	84	---
01...	1309	80513	70.1	166	267	7.3	743	17.5	0.2	2	---
01...	1310	80513	80.1	166	265	7.2	743	17.0	0.1	1	---
01...	1311	80513	90.0	166	265	7.2	743	16.0	0.1	1	---
01...	1312	80513	100	166	274	7.2	743	15.0	0.1	1	---
01...	1313	80513	110	166	276	7.2	743	14.0	0.2	2	---
01...	1314	80513	120	166	273	7.1	743	13.0	0.2	2	---
01...	1315	80513	130	166	272	7.1	743	12.0	0.1	1	---
01...	1316	80513	140	166	271	7.1	743	11.5	0.1	1	---
01...	1317	80513	150	166	276	7.1	743	10.5	0.1	1	---
01...	1318	80513	160	166	280	7.2	743	9.5	0.1	1	---
01...	1319	80513	166	166	284	7.2	743	9.5	0.1	1	---

WHITE RIVER BASIN

07054500 BULL SHOALS LAKE NEAR FLIPPIN--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
NOV											
14...	1548	80513	0.0	176	262	7.7	760	17.0	7.1	74	4.80
14...	1549	80513	10.1	176	262	7.8	760	17.0	6.8	70	---
14...	1550	80513	20.0	176	263	7.8	760	17.0	6.7	69	---
14...	1551	80513	30.2	176	263	7.8	760	17.0	6.7	69	---
14...	1552	80513	40.0	176	262	7.8	760	17.0	6.6	69	---
14...	1553	80513	50.0	176	263	7.8	760	17.0	6.6	69	---
14...	1554	80513	60.0	176	263	7.7	760	17.0	6.1	63	---
14...	1555	80513	70.1	176	263	7.6	760	17.0	5.6	58	---
14...	1556	80513	80.0	176	264	7.5	760	16.5	4.2	43	---
14...	1557	80513	89.9	176	269	7.2	760	16.0	0.6	6	---
14...	1558	80513	100	176	273	7.2	760	15.5	0.4	4	---
14...	1559	80513	110	176	279	7.2	760	14.5	0.4	4	---
14...	1600	80513	120	176	282	7.2	760	13.5	0.4	4	---
14...	1601	80513	130	176	279	7.2	760	12.5	0.4	4	---
14...	1602	80513	140	176	279	7.2	760	12.0	0.4	4	---
14...	1603	80513	150	176	280	7.2	760	11.0	0.4	3	---
14...	1604	80513	160	176	281	7.2	760	10.5	0.4	3	---
14...	1605	80513	170	176	285	7.2	760	9.5	0.4	3	---
14...	1607	80513	176	176	288	7.3	760	9.0	0.4	3	---

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
DEC											
06...	1052	80513	0.0	172	263	7.9	753	14.5	7.4	74	3.40
06...	1053	80513	10.1	172	265	7.9	753	14.5	7.2	72	---
06...	1054	80513	20.2	172	265	7.9	753	14.5	7.2	71	---
06...	1055	80513	29.9	172	265	7.9	753	14.5	7.2	71	---
06...	1056	80513	40.2	172	264	7.9	753	14.5	7.2	71	---
06...	1057	80513	50.1	172	264	7.9	753	14.5	7.4	73	---
06...	1058	80513	59.9	172	264	7.9	753	14.5	7.4	74	---
06...	1059	80513	70.8	172	264	8.0	753	14.5	7.6	75	---
06...	1100	80513	80.2	172	264	8.0	753	14.5	7.6	75	---
06...	1101	80513	90.2	172	264	8.0	753	14.0	7.4	73	---
06...	1102	80513	100	172	265	7.9	753	14.0	7.3	72	---
06...	1103	80513	110	172	265	7.9	753	14.0	7.1	70	---
06...	1104	80513	120	172	270	7.7	753	14.0	4.0	39	---
06...	1105	80513	130	172	283	7.5	753	13.0	0.2	2	---
06...	1106	80513	140	172	282	7.4	753	12.0	0.1	1	---
06...	1107	80513	150	172	281	7.4	753	11.0	0.1	1	---
06...	1108	80513	160	172	281	7.4	753	10.5	0.1	1	---
06...	1109	80513	170	172	285	7.4	753	9.5	0.1	1	---
06...	1110	80513	172	172	288	7.4	753	9.5	0.1	1	---

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
20...	1216	80513	80513	0.0	180	265	7.9	752	9.5	9.4	83
20...	1218	80513	80020	3.00	180	265	7.8	752	9.5	9.2	82
20...	1220	80513	80513	10.0	180	264	7.8	752	9.5	9.2	82
20...	1221	80513	80513	20.0	180	266	7.8	752	9.5	9.2	82
20...	1222	80513	80513	30.0	180	265	7.9	752	9.5	9.1	81
20...	1223	80513	80513	40.0	180	265	7.8	752	9.5	9.1	81
20...	1224	80513	80513	50.0	180	265	7.8	752	9.5	9.0	80
20...	1225	80513	80513	60.0	180	265	7.8	752	9.5	9.0	80
20...	1226	80513	80513	70.0	180	265	7.8	752	9.5	9.0	80
20...	1227	80513	80513	80.0	180	265	7.8	752	9.5	9.0	80
20...	1228	80513	81213	90.0	180	265	7.8	752	9.5	8.9	79
20...	1229	80513	80513	100	180	265	7.8	752	9.5	8.9	79
20...	1230	80513	80513	110	180	265	7.8	752	9.5	8.9	79
20...	1231	80513	80513	120	180	265	7.8	752	9.5	8.9	79
20...	1232	80513	80513	130	180	265	7.8	752	9.5	8.8	79
20...	1233	80513	80513	140	180	265	7.8	752	9.5	8.7	78
20...	1234	80513	80513	150	180	265	7.8	752	9.5	8.7	77
20...	1235	80513	80513	160	180	265	7.8	752	9.5	8.4	75
20...	1236	80513	80513	170	180	266	7.7	752	9.5	8.0	71
20...	1237	80513	80513	178	180	267	7.7	752	9.5	7.7	68

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
JAN										
20...	1216	5.50	K1	--	5	<0.80	<2.0	140	36	11
20...	1228	--	--	--	--	--	--	--	--	2.9

		SODIUM AD- SORP- TION RATIO (00932)	SODIUM PERCENT (00932)	SODIUM RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
DATE	TIME									
JAN										
20...	1228		4	0.1	1.6	124	6.1	4.8	137	0.20

WHITE RIVER BASIN

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07054500 BULL SHOALS LAKE NEAR FLIPPIN--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

		NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)		NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)		NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)		NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)		PHOS- PHORUS PHOS- PHORUS TOTAL (MG/L AS P) (00665)		PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (00507)		CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)		CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	
DATE	TIME																
JAN	20...	1218		--		--		--		--		--		1.50		<0.100	
	20...	1228		<0.010		0.190		0.020		<0.20		<0.020		<0.010		--	
DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)						
MAR	22...	80513	0.0	178	253	8.1	741	11.5	13.2	124	2.90						
	22...	80513	10.2	178	252	8.2	741	10.5	12.9	118	--						
	22...	80513	20.0	178	251	8.2	741	10.0	12.7	116	--						
	22...	80513	30.1	178	251	8.2	741	10.0	12.5	114	--						
	22...	80513	40.0	178	251	8.1	741	9.5	12.4	112	--						
	22...	80513	50.1	178	251	8.1	741	9.0	12.4	111	--						
	22...	80513	60.0	178	251	8.1	741	8.5	12.4	109	--						
	22...	80513	70.1	178	250	8.0	741	8.0	12.2	105	--						
	22...	80513	80.0	178	249	8.0	741	7.5	11.8	101	--						
	22...	80513	90.1	178	250	7.9	741	7.0	11.7	100	--						
	22...	80513	100	178	251	7.9	741	7.0	11.5	98	--						
	22...	80513	110	178	250	7.9	741	7.0	11.5	97	--						
	22...	80513	120	178	249	7.9	741	7.0	11.6	98	--						
	22...	80513	130	178	249	7.9	741	7.0	11.5	97	--						
	22...	80513	140	178	248	7.9	741	6.5	11.6	98	--						
	22...	80513	150	178	247	7.9	741	6.5	11.6	98	--						
	22...	80513	160	178	248	7.9	741	6.5	11.5	97	--						
	22...	80513	170	178	248	7.9	741	6.5	11.4	96	--						
	22...	80513	178	178	249	7.8	741	6.5	10.9	92	--						
DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)						
MAY	17...	80513	80513	0.0	190	255	8.5	743	21.0	9.4	108						
	17...	80513	81213	3.00	190	253	8.5	743	19.5	9.6	108						
	17...	80513	80513	10.0	190	252	8.5	743	18.0	9.6	104						
	17...	80513	80513	20.0	190	252	8.4	743	17.0	9.2	98						
	17...	80513	80513	30.0	190	252	8.3	743	15.5	8.6	89						
	17...	80513	80513	40.0	190	253	8.2	743	14.0	8.3	83						
	17...	80513	80513	50.0	190	253	8.2	743	13.0	8.2	80						
	17...	80513	80513	60.0	190	251	8.1	743	12.5	8.1	78						
	17...	80513	80513	70.0	190	251	8.0	743	11.5	8.0	76						
	17...	80513	80513	80.0	190	250	8.0	743	10.5	8.4	78						
	17...	80513	80513	90.0	190	249	8.0	743	10.0	8.5	77						
	17...	80513	81213	100	190	249	8.0	743	9.0	8.7	77						
	17...	80513	80513	110	190	249	8.0	743	8.5	8.8	77						
	17...	80513	80513	120	190	248	8.0	743	8.0	8.8	76						
	17...	80513	80513	130	190	249	8.0	743	8.0	8.8	76						
	17...	80513	80513	140	190	248	8.0	743	7.5	8.7	75						
	17...	80513	80513	150	190	249	8.0	743	7.5	8.6	74						
	17...	80513	80513	160	190	250	8.0	743	7.0	8.4	71						
	17...	80513	80513	170	190	251	7.9	743	7.0	8.0	68						
	17...	80513	80513	180	190	252	7.9	743	7.0	8.0	67						
	17...	80513	80513	190	190	252	7.9	743	7.0	7.8	66						
DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, CHEM- ICAL, 5 DAY (MG/L) (00310)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)										
MAY	17.	1348	4.00	21	--	--	--										
	17.	1359	--	--	5	<0.30	<2.0										
						<0.010											
DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (00507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)											
MAY	17.	1349	--	--	0.100	0.500											
	17.	1359	0.280	0.030	0.010	--											

WHITE RIVER BASIN

07054500 BULL SHOALS LAKE NEAR FLIPPIN--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
JUN											
14...	1158	80513	0.0	199	256	8.3	757	24.5	9.4	114	3.60
14...	1159	80513	9.90	199	256	8.3	757	24.0	9.4	112	---
14...	1200	80513	20.0	199	255	8.3	757	23.5	9.2	108	---
14...	1202	80513	24.0	199	257	8.2	757	22.0	9.1	104	---
14...	1203	80513	25.1	199	261	8.2	757	20.5	8.9	100	---
14...	1204	80513	26.0	199	261	8.1	757	20.0	8.7	96	---
14...	1205	80513	27.1	199	262	8.1	757	19.0	8.5	93	---
14...	1206	80513	29.9	199	261	8.0	757	18.5	8.2	88	---
14...	1207	80513	32.9	199	262	8.0	757	17.5	7.9	83	---
14...	1209	80513	36.0	199	262	7.9	757	16.5	7.5	77	---
14...	1210	80513	40.0	199	263	7.8	757	15.5	7.1	72	---
14...	1211	80513	45.1	199	263	7.7	757	14.5	6.9	68	---
14...	1212	80513	49.9	199	262	7.6	757	14.0	6.7	65	---
14...	1214	80513	60.1	199	262	7.5	757	13.0	6.5	62	---
14...	1215	80513	70.2	199	266	7.5	757	12.5	6.4	60	---
14...	1216	80513	80.0	199	266	7.4	757	12.0	6.5	60	---
14...	1217	80513	90.1	199	266	7.4	757	11.5	6.7	62	---
14...	1218	80513	100	199	265	7.4	757	11.5	6.8	63	---
14...	1219	80513	110	199	264	7.4	757	11.0	6.6	60	---
14...	1220	80513	120	199	261	7.4	757	10.0	6.6	58	---
14...	1221	80513	130	199	260	7.4	757	9.0	6.8	59	---
14...	1222	80513	140	199	259	7.5	757	8.5	7.0	60	---
14...	1223	80513	151	199	260	7.4	757	8.0	7.0	59	---
14...	1224	80513	160	199	261	7.4	757	7.5	6.8	57	---
14...	1225	80513	170	199	261	7.4	757	7.5	6.7	56	---
14...	1226	80513	180	199	260	7.4	757	7.5	6.6	55	---
14...	1227	80513	190	199	260	7.4	757	7.5	6.4	54	---
14...	1229	80513	199	199	261	7.4	757	7.0	6.1	51	---

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
JUL											
11...	1203	80513	0.0	192	251	8.2	756	29.0	8.1	106	5.00
11...	1204	80513	8.00	192	248	8.2	756	28.0	8.6	110	---
11...	1205	80513	10.0	192	248	8.3	756	27.5	8.6	110	---
11...	1206	80513	20.0	192	247	8.3	756	26.5	8.6	109	---
11...	1207	80513	22.0	192	248	8.3	756	25.0	8.9	108	---
11...	1208	80513	24.0	192	248	8.3	756	24.5	9.0	109	---
11...	1209	80513	27.0	192	248	8.2	756	22.5	8.8	102	---
11...	1210	80513	30.0	192	254	8.0	756	20.5	8.0	90	---
11...	1211	80513	32.1	192	253	8.0	756	19.5	7.6	84	---
11...	1212	80513	35.0	192	254	7.8	756	18.5	6.7	72	---
11...	1213	80513	40.0	192	255	7.7	756	17.5	5.7	60	---
11...	1214	80513	50.0	192	256	7.6	756	16.5	5.2	53	---
11...	1215	80513	60.0	192	255	7.7	756	15.5	5.3	54	---
11...	1216	80513	70.0	192	256	7.6	756	15.0	5.1	51	---
11...	1217	80513	80.0	192	255	7.7	756	14.0	5.2	51	---
11...	1218	80513	90.0	192	256	7.7	756	13.5	5.9	57	---
11...	1219	80513	100	192	254	7.8	756	12.5	6.3	60	---
11...	1220	80513	110	192	255	7.8	756	12.5	6.4	61	---
11...	1221	80513	120	192	254	7.8	756	12.0	6.1	57	---
11...	1222	80513	130	192	254	7.8	756	11.5	6.1	57	---
11...	1223	80513	140	192	255	7.8	756	11.0	5.5	50	---
11...	1224	80513	150	192	255	7.8	756	9.5	5.0	44	---
11...	1225	80513	160	192	254	7.8	756	8.5	4.4	38	---
11...	1226	80513	170	192	253	7.8	756	8.5	4.2	36	---
11...	1227	80513	180	192	253	7.7	756	8.0	4.0	34	---
11...	1228	80513	190	192	252	7.7	756	8.0	3.8	32	---
11...	1229	80513	192	192	252	7.7	756	8.0	3.7	31	---

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
AUG											
16...	1540	80513	0.0	177	257	8.4	760	30.5	8.4	113	4.40
16...	1541	80513	9.80	177	255	8.4	760	30.0	8.6	115	---
16...	1542	80513	20.2	177	255	8.4	760	29.0	9.7	127	---
16...	1543	80513	21.9	177	256	8.4	760	28.0	10.6	136	---
16...	1544	80513	24.1	177	254	8.4	760	27.0	11.1	140	---
16...	1546	80513	25.0	177	252	8.4	760	26.0	11.7	144	---
16...	1547	80513	26.9	177	254	8.4	760	25.0	11.4	139	---
16...	1548	80513	27.9	177	254	8.4	760	24.0	11.3	135	---
16...	1549	80513	30.0	177	258	8.4	760	23.5	10.5	124	---
16...	1551	80513	31.9	177	261	8.3	760	22.5	9.8	113	---
16...	1553	80513	34.1	177	263	8.1	760	21.5	8.2	93	---
16...	1554	80513	36.0	177	266	7.9	760	20.5	7.0	78	---
16...	1555	80513	40.0	177	266	7.7	760	20.0	5.6	61	---
16...	1557	80513	46.0	177	268	7.5	760	19.0	4.1	44	---
16...	1558	80513	50.1	177	272	7.4	760	18.5	2.2	23	---
16...	1559	80513	58.0	177	268	7.4	760	17.5	2.3	24	---
16...	1600	80513	60.0	177	266	7.3	760	17.0	2.3	24	---
16...	1601	80513	70.0	177	262	7.4	760	17.0	3.1	32	---
16...	1602	80513	80.0	177	257	7.4	760	16.0	4.0	41	---
16...	1603	80513	90.0	177	257	7.4	760	15.5	4.2	43	---
16...	1604	80513	99.5	177	263	7.4	760	15.0	3.8	38	---
16...	1605	80513	110	177	269	7.5	760	14.5	3.6	36	---
16...	1606	80513	120	177	271	7.5	760	13.5	3.9	37	---
16...	1607	80513	130	177	266	7.6	760	13.0	4.4	42	---
16...	1608	80513	140	177	266	7.5	760	12.0	4.5	42	---
16...	1609	80513	150	177	268	7.5	760	11.5	3.4	31	---
16...	1610	80513	160	177	270	7.5	760	10.5	1.3	12	---
16...	1611	80513	170	177	270	7.4	760	9.5	0.2	2	---
16...	1612	80513	177	177	270	7.4	760	9.0	0.1	1	---

WHITE RIVER BASIN

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07054500 BULL SHOALS LAKE NEAR FLIPPIN--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
AUG											
29...	1334	80513	80513	0.0	180	250	8.4	759	30.5	7.8	105
29...	1335	80513	81213	3.00	180	251	8.4	759	30.5	7.7	104
29...	1336	80513	81213	25.0	180	246	8.4	759	27.5	11.3	144
29...	1339	80513	81213	100	180	254	7.3	759	15.5	4.0	41
		TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	NITRO- GEN NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN NO2+NO3 TOTAL (MG/L AS N) (00630)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)
AUG											
29...	1334	4.20	K5	--	--	--	--	--	--	--	--
29...	1335	--	--	--	--	--	--	--	--	--	1.00
29...	1336	--	--	--	5	0.50	<2.0	0.010	0.020	0.010	--
29...	1339	--	--	--	5	0.40	<2.0	0.010	0.020	0.010	--
DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
SEP											
14...	1310	80513	0.0	171	251	8.2	762	27.0	8.0	101	4.00
14...	1311	80513	10.0	171	249	8.2	762	25.5	8.3	101	--
14...	1312	80513	20.1	171	250	8.2	762	25.5	8.0	97	--
14...	1313	80513	30.0	171	251	8.1	762	25.5	7.8	95	--
14...	1316	80513	38.0	171	255	7.9	762	24.5	6.3	76	--
14...	1317	80513	40.1	171	261	7.5	762	23.0	4.7	55	--
14...	1318	80513	43.0	171	262	7.4	762	21.5	3.8	43	--
14...	1319	80513	46.9	171	265	7.3	762	20.5	2.4	27	--
14...	1320	80513	50.0	171	267	7.2	762	20.0	1.1	12	--
14...	1321	80513	60.0	171	258	7.2	762	19.0	0.6	7	--
14...	1322	80513	69.9	171	254	7.1	762	18.5	1	10	--
14...	1323	80513	80.0	171	256	7.2	762	17.5	1.2	13	--
14...	1324	80513	90.0	171	255	7.3	762	17.0	1.8	19	--
14...	1325	80513	100	171	254	7.3	762	16.0	2.4	24	--
14...	1326	80513	110	171	256	7.4	762	15.5	2.5	25	--
14...	1328	80513	120	171	259	7.4	762	15.0	2.3	23	--
14...	1329	80513	130	171	263	7.4	762	13.5	1.7	16	--
14...	1330	80513	140	171	263	7.3	762	13.0	1.1	10	--
14...	1331	80513	150	171	264	7.3	762	12.0	0.1	1	--
14...	1332	80513	160	171	266	7.3	762	11.0	0.1	1	--
14...	1333	80513	170	171	269	7.4	762	10.0	0.1	1	--
14...	1334	80513	171	171	268	7.4	762	10.0	0.1	1	--
DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
SEP											
27...	1348	80513	0.0	169	259	8.2	756	22.5	7.5	87	4.00
27...	1349	80513	10.0	169	259	8.2	756	22.5	7.5	87	--
27...	1350	80513	20.1	169	259	8.2	756	22.0	7.4	86	--
27...	1351	80513	30.1	169	259	8.2	756	22.0	7.2	84	--
27...	1352	80513	39.9	169	260	8.2	756	22.0	7.1	83	--
27...	1353	80513	46.0	169	272	7.4	756	21.0	1.2	14	--
27...	1354	80513	50.0	169	273	7.3	756	20.0	0.2	2	--
27...	1355	80513	60.0	169	266	7.3	756	19.0	0.4	5	--
27...	1356	80513	70.1	169	260	7.3	756	18.5	0.8	8	--
27...	1357	80513	80.0	169	263	7.3	756	17.5	0.7	7	--
27...	1358	80513	90.0	169	264	7.3	756	17.0	1.1	11	--
27...	1359	80513	100	169	263	7.3	756	16.0	1.5	16	--
27...	1400	80513	110	169	264	7.3	756	15.5	1.7	18	--
27...	1401	80513	120	169	268	7.3	756	15.0	1.6	16	--
27...	1402	80513	130	169	270	7.3	756	14.0	0.7	7	--
27...	1403	80513	140	169	273	7.3	756	13.0	0.1	1	--
27...	1404	80513	150	169	274	7.3	756	12.0	0.1	1	--
27...	1405	80513	160	169	274	7.4	756	11.0	0.1	1	--
27...	1406	80513	169	169	277	7.4	756	9.5	0.1	1	--

WHITE RIVER BASIN

07054501 WHITE RIVER AT BULL SHOALS DAM, NEAR FLIPPIN

LOCATION.--Lat 36°21'56", long 92°34'29", in NW¼ sec.21, T.20 N., R.15 W., Marion County, Hydrologic Unit 11010003, at dam on White River, 11.9 mi upstream from gaging station, 6.3 mi northwest of Flippin, 12.5 mi downstream from Little North Fork, and at mile 418.6.

DRAINAGE AREA.--6,051 mi².

PERIOD OF RECORD.--July 1954 to September 1968, October 1970 to September 1971, December 1973 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: October 1954 to September 1964, May 1991 to current year.

DISSOLVED OXYGEN: May 1991 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
OCT										
12...	1323	80513	80513	279	7.3	755	14.0	6.5	63	--
18...	1302	80513	80513	272	7.3	755	14.0	4.2	41	--
NOV										
01...	1344	80513	80513	280	7.9	748	15.5	12.4	127	--
14...	1527	80513	80513	276	7.3	760	14.5	6.1	60	--
DEC										
06...	0926	80513	80513	270	7.2	758	13.5	6.4	62	--
JAN										
20...	1326	80513	81213	265	7.7	757	9.5	9.5	84	K1
MAR										
22...	1254	80513	80513	249	8.0	746	7.5	12.7	108	--
MAY										
17...	1436	80513	81213	250	7.9	748	8.5	10.5	92	<1
JUN										
14...	1253	80513	80513	262	7.6	761	9.5	9.0	79	--
JUL										
11...	1304	80513	80513	254	7.8	760	11.5	6.6	60	--
AUG										
16...	1521	80513	80513	264	7.5	760	14.5	4.9	48	--
29...	1303	80513	81213	262	7.4	760	15.0	4.6	46	>170
SEP										
14...	1416	80513	80513	260	7.4	766	15.5	3.2	32	--

DATE	TIME	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L) AS CACO3 (00900)	CALCIUM DIS- SOLVED (MG/L) AS CA (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MG (00925)	SODIUM, DIS- SOLVED (MG/L) AS NA (00930)	SODIUM PERCENT (00932)
JAN									
20...	1326	5	4.3	<2.0	140	37	11	3.0	4
MAY									
17...	1436	<5	<0.60	<2.0	120	33	9.6	2.7	5
AUG									
29...	1303	5	1.2	<2.0	140	40	9.0	3.6	5

DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L) AS K (00935)	ALKA- LINIT WAT WH TOT FET FIELD (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L) AS SO4 (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L) AS N (00615)
JAN									
20...	1326	0.1	1.6	116	6.0	4.7	133	0.19	<0.010
MAY									
17...	1436	0.1	1.4	--	6.7	4.5	--	--	<0.010
AUG									
29...	1303	0.1	1.6	--	6.8	5.4	--	--	0.010

DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L) AS N (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L) AS N (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L) AS N (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L) AS N (00625)	PHOS- PHORUS TOTAL (MG/L) AS P (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L) AS P (70507)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L) AS AL (01105)	ARSENIC TOTAL (UG/L) AS AS (01002)
JAN									
20...	1326	0.190	0.020	--	<0.20	<0.020	<0.010	60	<1
MAY									
17...	1436	0.280	0.010	0.19	0.20	<0.020	0.010	<20	<1
AUG									
29...	1303	0.470	0.010	0.19	0.20	0.020	0.010	30	<1

DATE	TIME	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L) AS CR (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L) AS CU (01042)	IRON, TOTAL RECOV- ERABLE (UG/L) AS FE (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L) AS PB (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L) AS MN (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L) AS HG (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L) AS NI (01067)	ZINC, TOTAL RECOV- ERABLE (UG/L) AS ZN (01092)
JAN									
20...	1326	<1	3	230	2	50	0.10	1	7
MAY									
17...	1436	<1	<1	20	<1	14	<0.10	<1	8
AUG									
29...	1303	<1	<1	50	<1	30	0.10	<1	9

WHITE RIVER BASIN

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07054501 WHITE RIVER AT BULL SHOALS DAM, NEAR FLIPPIN--CONTINUED WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

		AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	DEPTH AT SAMPLE LOC- ATION, TOTAL (FEET) (81903)	SAMPLE LOC- ATION, CROSS SECTION (FT FM L BANK) (00009)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)					
SEP												
	20.	1454	80513	80513	3.00	6.00	31.0	268				
	20.	1457	80513	80513	2.00	4.00	124	267				
	20.	1459	80513	80513	1.50	3.00	155	267				
	20.	1501	80513	80513	2.00	4.00	218	266				
	20.	1503	80513	80513	1.60	3.00	281	268				
	20.	1504	80513	80513	1.50	3.00	344	267				
	20.	1506	80513	80513	1.60	3.00	407	268				
	20.	1509	80513	80513	1.00	2.00	470	268				
			PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	BARO- METRIC PRES- SURE (MM OF HG) (00025)					
SEP												
	20.	1454	7.3	15.5	3.3	34	765					
	20.	1457	7.3	15.5	3.4	34	765					
	20.	1459	7.3	16.0	3.5	35	765					
	20.	1501	7.3	16.0	3.5	35	765					
	20.	1503	7.3	16.0	3.6	36	765					
	20.	1504	7.3	15.5	4.1	41	765					
	20.	1506	7.3	15.5	4.3	43	765					
	20.	1509	7.3	15.5	4.6	47	765					
			AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)		
DATE	TIME											
SEP												
27...	1430	80513	80513	267	7.5	762	16.0	6.0	61			
OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER												
1	7.9	2.8	5.6	7.4	4.5	6.2	7.1	2.6	5.3	10.0	4.4	7.1
2	7.1	2.5	4.6	10.0	3.6	6.2	8.9	2.1	4.8	11.2	7.8	9.1
3	13.2	2.3	6.2	7.9	3.2	6.2	7.3	1.7	3.8	9.8	7.7	8.3
4	6.8	2.1	4.1	9.8	3.9	6.4	6.4	1.7	3.1	---	---	---
5	6.8	2.4	4.9	11.0	3.5	8.0	7.6	2.1	5.1	---	---	---
6	12.6	2.5	5.7	10.3	3.6	7.2	8.4	2.8	6.3	---	---	---
7	7.1	2.3	5.0	8.1	4.7	6.4	10.1	2.7	6.6	---	---	---
8	9.9	2.3	5.8	7.3	4.6	5.4	9.6	6.3	7.2	---	---	---
9	12.1	3.0	6.9	7.2	4.1	5.4	9.2	5.2	7.0	---	---	---
10	6.1	2.4	4.7	7.1	2.1	5.6	9.2	7.2	7.9	---	---	---
11	6.3	2.7	5.1	7.7	2.2	5.0	10.4	8.3	9.1	---	---	---
12	10.5	2.4	5.5	6.6	2.0	4.9	10.2	7.8	8.8	---	---	---
13	7.3	2.5	4.9	8.4	3.4	5.1	10.0	7.5	8.4	---	---	---
14	6.7	2.4	5.0	6.0	3.6	5.2	9.9	6.3	8.4	---	---	---
15	10.0	2.5	5.7	6.5	4.0	5.4	9.7	5.8	7.6	---	---	---
16	9.3	2.5	5.1	10.2	3.5	6.0	9.6	6.9	8.5	---	---	---
17	7.5	2.8	5.2	6.6	3.6	5.3	10.4	7.5	8.4	---	---	---
18	7.0	3.5	4.6	8.5	3.8	5.8	10.3	7.6	8.7	---	---	---
19	4.9	1.9	3.9	6.9	4.1	5.4	10.3	8.0	8.9	---	---	---
20	6.2	2.9	4.6	8.7	3.5	5.8	9.0	7.4	8.1	---	---	---
21	6.1	3.7	5.0	7.9	3.8	5.4	9.9	7.0	8.1	---	---	---
22	10.2	2.5	6.5	10.6	4.7	6.6	10.2	6.9	8.6	---	---	---
23	10.3	3.0	6.8	7.9	4.4	6.3	10.6	7.4	8.8	---	---	---
24	9.7	4.6	5.9	9.8	2.4	5.2	11.0	8.0	9.2	---	---	---
25	11.5	2.9	7.1	8.5	2.5	5.5	10.0	7.6	8.6	---	---	---
26	7.0	4.5	5.7	7.8	2.1	5.0	10.7	7.5	9.0	---	---	---
27	10.5	4.2	6.6	7.5	2.1	4.8	10.0	6.9	7.8	---	---	---
28	11.3	3.8	6.7	7.9	2.8	6.0	10.2	6.0	8.2	---	---	---
29	10.0	2.6	6.4	7.6	2.3	5.1	9.4	6.5	8.0	---	---	---
30	9.9	2.4	6.4	6.8	4.5	5.2	8.7	5.9	7.3	---	---	---
31	10.1	2.8	6.0	---	---	---	7.9	4.3	5.8	---	---	---

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

[illegible]

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	13.0	11.5	12.4	14.8	12.2	13.6	13.2	10.8	12.7	---	---	---
2	12.9	11.6	12.5	13.5	11.7	13.2	13.4	10.6	12.2	---	---	---
3	14.9	11.4	12.8	----	----	----	12.9	11.8	12.4	---	---	---
4	13.0	11.4	12.5	----	----	----	13.7	11.7	12.4	---	---	---
5	13.0	11.5	12.5	----	----	----	12.9	11.7	12.6	---	---	---
6	15.0	11.3	12.4	----	----	----	13.0	12.2	12.7	---	---	---
7	13.0	11.5	12.6	----	----	----	13.2	11.6	12.8	---	---	---
8	13.1	11.9	12.3	----	----	----	13.1	11.9	12.6	---	---	---
9	14.6	11.0	12.4	14.2	13.0	13.5	12.9	11.3	12.5	---	---	---
10	13.3	10.7	12.4	14.0	12.1	13.5	12.9	11.7	12.5	---	---	---
11	13.2	10.4	12.4	13.7	11.9	13.2	12.7	12.5	12.7	---	---	---
12	13.6	11.5	12.7	13.5	11.9	13.0	12.5	12.0	12.3	---	---	---
13	13.2	11.8	12.8	13.9	12.4	13.0	12.1	11.5	12.0	---	---	---
14	13.3	11.7	12.8	13.5	12.8	13.3	12.0	11.1	11.8	---	---	---
15	13.0	11.9	12.5	13.8	12.9	13.5	11.8	11.1	11.6	---	---	---
16	13.0	11.7	12.4	14.1	12.2	13.5	11.7	11.6	11.7	---	---	---
17	13.2	11.8	12.9	13.6	12.3	13.3	11.9	11.1	11.6	---	---	---
18	13.4	13.0	13.3	13.7	12.5	13.3	11.7	10.1	11.2	---	---	---
19	13.6	12.0	13.1	13.6	12.2	12.9	----	----	----	---	---	---
20	13.6	12.3	13.4	13.3	12.2	12.7	----	----	----	---	---	---
21	13.5	12.9	13.3	14.1	11.8	13.5	----	----	----	---	---	---
22	15.0	11.8	13.2	13.7	12.1	13.3	----	----	----	---	---	---
23	14.4	11.4	12.8	13.7	12.3	13.4	----	----	----	---	---	---
24	14.2	12.1	12.3	13.4	10.8	12.8	----	----	----	---	---	---
25	13.6	11.0	12.8	13.4	11.9	13.0	----	----	----	---	---	---
26	13.7	11.7	13.3	13.3	11.7	12.8	----	----	----	---	---	---
27	13.6	11.3	13.1	13.7	12.2	12.8	----	----	----	---	---	---
28	14.2	11.9	13.2	14.0	11.3	12.8	----	----	----	---	---	---
29	14.1	11.3	12.6	13.5	10.8	12.7	----	----	----	---	---	---
30	14.2	11.6	12.8	13.4	13.1	13.2	----	----	----	---	---	---
31	14.1	11.3	12.7	----	----	----	----	----	----	---	---	---

WHITE RIVER BASIN

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07054501 WHITE RIVER AT BULL SHOALS DAM, NEAR FLIPPIN--CONTINUED
WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	10.4	9.4	10.1	12.4	11.6	12.2	14.8	13.6	14.4
2	---	---	---	10.3	9.3	10.1	12.5	11.7	12.2	14.7	13.2	14.1
3	---	---	---	10.6	9.6	10.2	12.6	12.2	12.4	15.6	13.4	14.2
4	---	---	---	10.9	9.8	10.4	12.6	11.5	12.4	14.8	13.6	14.3
5	---	---	---	10.8	9.5	10.4	12.6	11.7	12.4	15.0	13.7	14.5
6	---	---	---	10.8	10.0	10.5	12.9	11.8	12.6	15.2	13.7	14.7
7	---	---	---	10.9	9.8	10.4	13.0	12.0	12.7	16.8	13.9	14.8
8	---	---	---	10.7	9.9	10.4	12.9	12.7	12.8	15.3	14.2	14.8
9	---	---	---	11.0	10.0	10.6	13.0	11.7	12.5	15.1	13.8	14.4
10	9.1	8.5	8.6	11.1	10.1	10.7	13.0	11.7	12.6	16.7	13.6	14.6
11	8.6	8.6	8.6	10.9	10.1	10.6	13.0	12.6	12.9	15.2	13.8	14.6
12	8.6	8.6	8.6	11.0	10.2	10.7	13.3	12.7	13.0	15.3	15.0	15.1
13	8.6	8.6	8.6	11.2	10.3	10.9	13.3	12.9	13.1	15.4	14.2	15.0
14	9.1	7.9	8.7	11.2	10.5	11.0	13.4	12.9	13.2	15.5	14.0	14.9
15	9.3	7.9	8.7	11.2	10.4	11.0	13.5	12.1	13.2	15.4	14.2	15.0
16	9.3	8.1	8.8	11.4	10.4	11.1	13.6	13.1	13.4	15.3	14.4	14.9
17	9.4	8.2	8.9	11.4	10.6	11.2	13.7	13.2	13.5	17.1	14.2	15.2
18	9.5	8.2	9.0	11.4	11.4	11.4	13.7	13.5	13.6	15.4	14.2	15.0
19	9.6	8.1	9.1	---	---	---	13.9	13.5	13.7	15.4	15.1	15.3
20	9.7	8.3	9.3	11.6	10.7	11.2	14.0	13.5	13.8	15.6	14.7	15.3
21	9.7	8.5	9.4	11.7	10.8	11.4	14.0	13.6	13.9	15.5	14.3	15.1
22	9.9	8.6	9.5	11.6	10.9	11.3	14.0	13.8	13.9	15.5	13.9	15.2
23	10.1	8.6	9.6	11.8	10.7	11.4	14.2	13.9	14.1	15.2	13.4	14.7
24	10.1	8.9	9.8	11.9	10.9	11.5	14.3	13.0	14.1	16.4	14.0	15.1
25	10.2	8.9	9.7	11.9	11.0	11.5	14.2	13.2	14.1	15.4	14.0	14.9
26	10.4	9.2	9.9	12.0	11.5	11.7	14.4	14.0	14.3	15.6	14.1	15.2
27	10.4	9.1	10.0	12.0	11.7	11.8	14.5	14.1	14.4	15.5	14.7	15.2
28	10.3	9.0	9.9	12.1	11.6	11.9	14.5	14.2	14.4	15.4	14.7	15.1
29	10.4	9.4	10.0	12.0	11.8	11.9	14.6	14.3	14.5	15.5	14.9	15.2
30	10.5	9.6	10.2	12.1	11.8	12.0	14.7	14.4	14.6	15.6	14.8	15.2
31	---	---	---	12.3	11.9	12.1	14.7	14.5	14.6	---	---	---
MONTH	---	---	---	---	---	---	14.7	11.5	13.4	17.1	13.2	14.9

LOCATION.--Lat 36°21'44", long 92°23'11", in NW1/4SE1/4 sec.20, T.20 N., R.15 W., Marion County, Hydrologic Unit 11010003, on White River, 11.8 mi upstream from gaging station, 3 mi southeast of Bull Shoals.

PERIOD OF RECORD.--May 1994 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: May 1994 to current year.

DISSOLVED OXYGEN: May 1994 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	DEPTH AT SAMPLE LOC- ATION, TOTAL (FEET) (81903)	SAMPLE LOC- ATION, CROSS SECTION (FT FM L BANK) (00009)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)
SEP							
20.	1513	80513	80513	2.50	5.00	31.0	268
20.	1515	80513	80513	1.00	2.00	124	268
20.	1517	80513	80513	2.00	4.00	155	267
20.	1518	80513	80513	2.50	5.00	218	267
20.	1520	80513	80513	2.50	5.00	281	268
20.	1521	80513	80513	2.90	6.00	344	268
20.	1522	80513	80513	3.00	6.00	407	268
20.	1523	80513	80513	3.00	5.00	470	268

DATE	TIME	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED SATUR- ATION (00301)	BARO- METRIC PRES- SURE (MM OF HG) (00025)
SEP						
20.	1513	7.3	15.5	3.5	35	765
20.	1515	7.3	15.5	3.5	35	765
20.	1517	7.4	16.0	3.7	37	765
20.	1518	7.4	16.0	4.0	40	765
20.	1520	7.3	16.0	4.4	44	765
20.	1521	7.3	15.5	4.8	48	765
20.	1522	7.4	15.5	4.9	49	765
20.	1523	7.4	16.0	5.3	53	765

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	14.4	4.9	8.0	8.4	6.2	7.0	9.3	5.3	6.7
2	---	---	---	10.8	4.9	6.8	11.1	5.0	7.2	9.1	6.5	7.6
3	---	---	---	9.4	5.6	6.6	9.9	5.2	7.1	7.9	5.9	7.0
4	---	---	---	9.4	5.3	7.6	11.6	4.9	7.4	7.8	5.3	6.9
5	7.1	5.0	6.0	9.6	5.7	8.5	7.8	4.2	6.0	---	---	---
6	---	---	---	13.1	4.4	8.5	7.9	5.7	6.5	---	---	---
7	7.7	4.6	6.0	7.4	5.0	6.4	9.1	5.7	7.0	---	---	---
8	---	---	---	6.6	5.5	6.1	8.0	6.2	6.9	---	---	---
9	---	---	---	7.7	5.9	6.8	9.7	6.4	7.5	---	---	---
10	7.3	5.2	6.2	8.4	6.4	7.6	8.0	6.4	7.1	---	---	---
11	7.6	5.8	6.5	11.8	5.4	7.1	9.3	6.8	8.1	---	---	---
12	7.6	5.0	6.4	7.9	5.4	6.5	8.9	6.1	7.5	---	---	---
13	6.4	5.3	5.7	12.8	5.4	7.3	9.9	6.1	7.7	---	---	---
14	7.8	4.9	6.2	7.4	5.8	6.8	9.1	7.5	8.2	---	---	---
15	13.2	5.1	8.0	---	---	---	8.8	6.6	7.7	---	---	---
16	11.9	4.2	5.9	12.9	5.9	8.1	9.0	6.2	7.9	---	---	---
17	7.7	5.3	6.0	8.0	5.5	6.7	10.0	6.8	7.9	---	---	---
18	6.1	4.6	5.2	7.6	5.1	6.6	9.5	6.7	8.2	---	---	---
19	6.6	4.9	5.6	10.7	5.0	7.3	9.3	6.9	8.0	---	---	---
20	7.3	4.8	5.6	13.0	4.5	7.6	8.6	6.4	7.4	---	---	---
21	6.2	4.8	5.6	8.5	6.1	7.1	7.9	6.3	7.3	---	---	---
22	---	---	---	11.0	5.8	7.4	8.7	6.2	7.3	---	---	---
23	---	---	---	8.8	4.9	7.0	8.5	6.1	7.2	---	---	---
24	7.6	4.9	6.1	9.1	4.7	6.2	8.5	6.3	7.6	---	---	---
25	---	---	---	9.7	4.9	6.6	8.8	6.9	7.7	---	---	---
26	9.4	5.7	6.6	8.2	4.8	6.2	8.3	6.6	7.3	---	---	---
27	---	---	---	6.3	4.9	5.7	7.4	5.3	6.7	---	---	---
28	---	---	---	8.2	6.0	6.9	7.2	5.5	6.5	---	---	---
29	---	---	---	9.2	6.2	7.4	7.3	5.9	6.4	---	---	---
30	---	---	---	8.5	5.9	7.0	7.3	5.6	6.6	---	---	---
31	10.3	4.6	7.0	---	---	---	8.6	5.3	6.5	---	---	---
MONTH	---	---	---	---	---	---	11.6	4.2	7.3	---	---	---

WHITE RIVER BASIN

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07054502 WHITE RIVER BELOW BULL SHOALS DAM AT BULL SHOALS--CONTINUED

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	9.7	6.6	7.8	7.2	4.7	5.5	7.4	4.6	6.1
2	---	---	---	---	---	---	6.6	4.7	5.4	9.2	4.8	6.5
3	---	---	---	---	---	---	6.7	4.6	5.5	---	---	---
4	---	---	---	9.3	6.1	7.3	6.2	4.6	5.1	7.8	4.3	6.1
5	---	---	---	8.7	5.9	7.2	6.7	4.5	5.1	8.9	2.7	5.7
6	---	---	---	10.6	5.8	7.7	7.7	4.5	5.2	9.1	4.3	6.4
7	---	---	---	9.5	5.6	7.3	7.3	4.5	5.1	---	---	---
8	---	---	---	9.6	5.6	6.9	---	---	---	---	---	---
9	---	---	---	10.4	5.6	6.8	9.3	4.3	5.8	---	---	---
10	---	---	---	8.0	5.5	6.6	8.2	4.1	5.4	---	---	---
11	---	---	---	9.1	5.2	7.0	6.9	4.1	5.1	---	---	---
12	---	---	---	9.0	6.6	7.6	7.6	4.0	5.1	8.3	4.8	6.6
13	---	---	---	9.3	6.5	7.1	6.7	3.9	5.0	7.8	4.6	5.9
14	---	---	---	9.3	6.5	7.1	---	---	---	---	---	---
15	11.6	6.4	8.8	8.7	6.6	7.2	6.6	3.9	4.6	7.9	4.3	5.9
16	10.9	6.5	8.6	9.3	6.5	7.3	7.3	3.9	4.9	10.0	5.3	6.2
17	---	---	---	9.2	6.4	7.2	7.2	4.0	5.0	---	---	---
18	10.6	6.8	8.6	11.0	6.4	7.4	7.1	3.9	4.9	6.6	3.8	5.0
19	---	---	---	9.3	6.4	7.2	6.8	4.0	5.0	7.7	4.4	6.0
20	---	---	---	10.0	6.4	7.2	6.4	3.9	4.7	8.3	4.1	6.1
21	---	---	---	11.4	6.3	7.4	7.0	3.9	4.9	7.3	4.9	5.8
22	---	---	---	8.4	6.3	7.1	7.1	3.9	4.9	8.4	4.6	6.4
23	---	---	---	9.1	6.4	7.2	---	---	---	9.3	4.7	6.6
24	8.4	7.8	8.0	8.5	6.3	7.1	7.5	3.7	5.0	---	---	---
25	9.1	7.7	8.0	9.5	6.3	7.3	7.7	3.6	5.1	6.3	4.5	5.3
26	10.7	7.8	8.8	9.4	5.1	7.2	6.7	3.6	4.9	7.0	3.9	5.6
27	9.7	7.9	8.4	7.4	5.0	6.2	7.4	3.6	5.1	8.2	5.2	6.5
28	10.0	7.9	8.4	8.0	5.1	6.2	7.2	3.6	4.9	7.4	4.6	5.9
29	---	---	---	8.0	4.9	6.2	6.8	3.7	4.9	7.2	4.8	6.0
30	---	---	---	8.1	4.9	6.2	6.6	3.9	5.4	7.9	5.4	6.1
31	---	---	---	7.6	4.8	6.1	6.8	4.7	6.0	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	17.0	12.1	14.3	14.1	11.2	13.2	11.4	8.5	10.3
2	---	---	---	15.2	12.5	13.8	15.3	10.0	12.7	11.7	7.9	10.5
3	---	---	---	15.1	13.8	14.2	14.0	12.2	13.0	10.8	9.1	10.5
4	---	---	---	16.3	14.4	15.2	16.5	12.4	13.7	10.6	10.3	10.5
5	13.8	13.2	13.6	17.8	13.4	15.4	13.7	12.0	13.2	---	---	---
6	18.9	12.7	14.1	18.0	12.8	14.5	13.8	12.6	13.4	---	---	---
7	14.2	13.3	13.8	14.6	12.5	13.7	14.1	12.9	13.5	---	---	---
8	14.3	13.3	14.0	14.5	12.9	14.0	13.4	11.5	12.9	---	---	---
9	18.5	11.5	14.1	14.7	13.9	14.3	13.5	9.3	12.3	---	---	---
10	14.1	11.2	13.1	14.5	13.0	14.0	13.3	11.0	12.9	---	---	---
11	14.1	11.4	13.2	14.4	12.8	13.8	13.2	12.8	13.1	---	---	---
12	13.7	13.3	13.5	14.5	13.1	13.9	12.9	12.2	12.6	---	---	---
13	13.8	13.4	13.7	16.7	13.4	14.1	12.6	11.8	12.4	---	---	---
14	14.1	13.4	13.8	14.4	13.9	14.1	12.4	11.4	12.2	---	---	---
15	15.0	13.6	14.1	14.4	13.7	14.2	12.6	11.2	12.1	---	---	---
16	14.4	13.2	13.6	17.0	12.7	14.5	12.2	12.0	12.1	---	---	---
17	14.1	13.6	13.8	14.3	12.8	13.9	13.8	11.6	12.2	---	---	---
18	14.1	13.7	13.9	14.9	12.7	13.9	12.6	9.7	11.7	---	---	---
19	14.5	13.9	14.2	14.0	13.1	13.5	12.3	10.6	11.9	---	---	---
20	14.6	13.8	14.2	14.7	12.6	13.4	11.9	11.8	11.9	---	---	---
21	14.2	13.5	14.0	15.0	12.1	13.8	11.9	11.5	11.7	---	---	---
22	18.6	13.3	15.1	14.4	12.2	13.6	12.0	11.2	11.7	---	---	---
23	18.4	12.7	14.6	14.5	11.8	13.7	12.0	11.3	11.7	---	---	---
24	14.5	12.6	13.8	14.3	10.6	13.3	11.6	9.7	11.3	---	---	---
25	17.3	12.2	14.2	14.1	12.6	13.6	13.4	9.5	10.9	---	---	---
26	15.1	11.9	13.6	13.9	12.4	13.4	12.3	9.5	10.8	---	---	---
27	17.7	12.0	14.2	13.9	12.6	13.6	11.8	9.0	10.7	---	---	---
28	17.5	12.4	14.1	14.5	10.3	13.0	11.5	8.9	10.8	---	---	---
29	17.9	11.8	14.0	14.1	9.9	12.9	11.2	10.2	11.0	---	---	---
30	18.1	12.6	14.3	14.0	13.4	13.7	11.8	8.8	10.6	---	---	---
31	14.0	11.8	13.2	---	---	---	12.6	10.4	11.3	---	---	---
MONTH	---	---	---	18.0	9.9	13.9	16.5	8.8	12.1	---	---	---

WHITE RIVER BASIN

07054502 WHITE RIVER BELOW BULL SHOALS DAM AT BULL SHOALS--CONTINUED

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	11.7	10.0	10.4	12.9	12.1	12.3	15.1	14.5	14.8
2	10.7	8.6	9.2	11.5	10.0	10.3	13.6	12.1	12.4	15.8	14.2	14.9
3	11.0	8.7	9.4	11.6	10.1	10.5	12.6	12.2	12.4	---	---	---
4	11.1	8.7	9.3	12.3	10.2	10.9	12.9	12.3	12.5	15.5	14.7	15.0
5	11.1	9.0	9.5	12.5	10.4	11.1	13.2	12.4	12.6	16.1	14.7	15.0
6	11.7	9.0	9.7	12.3	10.5	11.1	12.8	12.4	12.7	16.5	14.6	15.0
7	11.1	9.0	9.5	13.5	10.5	11.3	13.1	12.5	12.8	---	---	---
8	11.6	8.9	9.8	13.6	10.4	11.1	14.0	12.7	13.1	16.9	14.9	15.4
9	10.6	8.9	9.3	12.7	10.5	11.2	14.2	12.8	13.3	17.1	14.6	15.4
10	15.0	9.3	10.5	13.2	10.6	11.2	14.0	12.8	13.2	20.9	14.0	16.3
11	12.4	9.3	11.0	12.9	10.6	11.2	13.1	12.7	12.9	17.5	13.7	14.9
12	12.1	9.0	10.5	12.9	10.7	11.3	13.2	12.9	13.0	15.0	14.8	14.9
13	11.6	9.1	10.1	13.1	10.8	11.4	13.3	13.0	13.2	15.4	14.8	15.1
14	---	---	---	12.3	10.8	11.2	13.4	13.1	13.2	15.6	15.0	15.2
15	11.9	9.1	10.4	12.2	10.9	11.2	13.5	13.1	13.4	15.7	15.0	15.3
16	11.8	9.2	10.2	12.6	10.9	11.4	13.6	13.2	13.5	16.3	15.1	15.6
17	11.8	9.3	10.2	12.6	11.1	11.5	13.7	13.3	13.5	21.8	15.2	17.2
18	12.0	9.2	10.1	12.6	11.1	11.5	13.8	13.4	13.6	15.7	14.8	15.3
19	12.2	9.2	10.0	11.9	11.1	11.3	13.8	13.6	13.7	15.5	15.0	15.2
20	11.1	9.4	9.8	12.4	11.2	11.6	14.0	13.7	13.9	15.7	15.2	15.4
21	11.1	9.5	9.7	13.1	11.4	11.8	14.0	13.9	13.9	15.5	15.3	15.4
22	11.0	9.5	9.8	12.8	11.2	11.7	14.0	13.9	14.0	16.0	14.4	15.4
23	11.1	9.6	10.0	12.7	11.5	11.8	14.3	13.9	14.1	16.3	13.0	15.0
24	11.1	9.7	10.0	12.7	11.6	11.9	14.4	13.6	14.1	20.1	14.8	16.6
25	11.7	9.7	10.3	13.2	11.6	12.0	14.6	14.0	14.2	15.5	14.1	15.1
26	11.2	9.7	10.0	12.1	11.5	11.8	14.5	14.0	14.3	15.8	14.4	15.3
27	11.5	9.9	10.4	12.0	11.8	11.9	14.6	14.1	14.4	16.6	14.6	15.5
28	11.8	9.9	10.3	12.1	11.7	11.9	14.6	14.2	14.4	15.6	14.7	15.3
29	12.6	10.0	10.5	12.3	11.8	12.0	14.7	14.3	14.5	15.9	15.0	15.5
30	11.9	10.0	10.4	12.1	11.9	12.0	14.8	14.4	14.6	16.0	15.1	15.6
31	---	---	---	12.3	12.0	12.2	14.9	14.6	14.8	---	---	---
MONTH	---	---	---	13.6	10.0	11.4	14.9	12.1	13.5	---	---	---

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LOCATION.--Lat 36°20'37", long 92°34'27", in SW1/4SE1/4SE1/4 sec.3, T.19 N., R.3 W., Marion County, Hydrologic Unit 11010003, 2.0 mi downstream from Bull Shoals Dam, and 4.0 mi east of Fairview.

PERIOD OF RECORD.--June, 1992 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: June 1992 to current year.

DISSOLVED OXYGEN: June 1992 to current year.

DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	SAM-PLING DEPTH (FEET) (00003)	DEPTH AT SAMPLE LOCATION, TOTAL (FEET) (81903)	SAMPLE LOCATION, CROSS SECTION (FT FM L BANK) (00009)	SPECIFIC CONDUCTANCE (US/CM) (00095)
SEP							
20.	1601	80513	80513	3.00	6.00	25.0	268
20.	1602	80513	80513	3.00	6.00	75.0	267
20.	1603	80513	80513	4.30	8.00	125	268
20.	1605	80513	80513	3.30	6.00	175	268
20.	1606	80513	80513	3.30	6.00	225	268
20.	1607	80513	80513	2.80	6.00	275	268
20.	1608	80513	80513	2.10	4.00	325	268
20.	1609	80513	80513	1.50	3.00	375	268

DATE	TIME	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	BARO- METRIC PRES- SURE (MM OF HG) (00025)
SEP						
20.	1601	7.4	16.0	4.9	49	765
20.	1602	7.4	16.0	4.8	48	765
20.	1603	7.4	16.0	4.8	49	765
20.	1605	7.4	16.0	5.1	51	765
20.	1606	7.4	16.0	5.6	56	765
20.	1607	7.5	16.0	6.1	62	765
20.	1608	7.5	16.0	6.7	68	765
20.	1609	7.5	16.0	7.6	77	765

[illegible]

WHITE RIVER BASIN

07054527 WHITE RIVER BELOW BULL SHOALS DAM NEAR FAIRVIEW--CONTINUED

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

[illegible]

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

[illegible]

WHITE RIVER BASIN

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07054527 WHITE RIVER BELOW BULL SHOALS DAM NEAR FAIRVIEW--CONTINUED

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	11.7	9.6	10.1	13.5	11.6	12.0	16.0	14.6	15.2
2	---	---	---	11.9	9.6	10.0	13.7	11.7	12.2	16.5	13.7	16.1
3	---	---	---	11.5	9.6	10.2	12.2	11.8	12.0	---	---	---
4	---	---	---	12.2	9.8	10.5	13.7	11.9	12.2	---	---	---
5	---	---	---	12.6	10.0	10.7	14.0	11.9	12.3	17.3	14.0	15.0
6	---	---	---	12.0	10.1	10.6	13.2	12.0	12.3	18.1	13.0	15.0
7	---	---	---	14.8	10.1	11.0	13.5	12.0	12.4	---	---	---
8	11.2	8.3	9.3	13.6	10.0	10.8	14.3	12.0	12.7	---	---	---
9	10.3	8.4	9.0	13.7	10.2	11.0	16.8	12.0	12.9	---	---	---
10	11.8	8.7	9.6	13.0	10.2	10.8	14.2	12.0	12.8	---	---	---
11	11.7	8.6	10.1	13.0	10.2	10.8	13.2	12.0	12.5	---	---	---
12	16.2	8.4	10.3	12.7	10.3	10.9	13.4	12.0	12.5	14.8	14.0	14.5
13	12.6	8.5	9.6	13.1	10.4	10.9	13.6	12.0	12.6	16.3	14.0	14.7
14	15.4	8.7	10.0	12.3	10.4	10.9	13.0	12.0	12.6	---	---	---
15	14.0	8.6	10.1	12.3	10.5	10.9	14.1	12.0	12.9	16.1	14.0	15.1
16	12.0	8.7	9.6	13.3	10.5	11.1	13.9	12.0	13.0	18.4	14.8	16.2
17	11.9	8.7	9.5	12.5	10.0	11.1	13.4	12.0	13.0	---	---	---
18	12.7	8.6	9.6	13.5	10.7	11.2	13.3	13.0	13.1	---	---	---
19	12.5	8.8	9.5	11.7	10.7	11.0	13.5	13.0	13.2	---	---	---
20	10.7	8.7	9.3	13.6	10.0	11.3	13.6	13.0	13.2	---	---	---
21	10.6	8.9	9.4	14.5	11.0	11.7	13.8	13.0	13.3	---	---	---
22	10.5	9.0	9.4	13.3	10.9	11.5	13.7	13.0	13.3	---	---	---
23	10.7	9.1	9.6	13.6	11.0	11.5	14.3	13.0	13.7	---	---	---
24	11.1	9.2	9.6	13.3	11.0	11.6	14.7	12.4	14.0	---	---	---
25	11.5	9.4	9.8	15.0	11.0	11.8	15.2	13.0	14.1	---	---	---
26	10.9	9.2	9.6	12.2	11.1	11.4	15.3	13.0	14.1	---	---	---
27	11.3	9.5	10.0	12.0	11.3	11.6	15.3	13.0	14.3	---	---	---
28	11.4	9.4	9.9	12.4	11.4	11.8	15.2	13.0	14.3	---	---	---
29	12.8	9.5	10.2	12.6	11.4	11.8	15.3	14.0	14.4	---	---	---
30	12.1	9.7	10.2	12.5	11.4	11.8	15.4	14.1	14.6	---	---	---
31	---	---	---	12.8	11.0	11.9	15.7	14.2	14.8	---	---	---
MONTH	---	---	---	15.0	9.6	11.1	16.8	11.6	13.1	---	---	---

WHITE RIVER BASIN

07055646 BUFFALO RIVER NEAR BOXLEY

LOCATION.--Lat 35°56'43", long 91°59'42", in SW¼SE¼ sec.22, T.15 N., R.23 W., Newton County, Hydrologic Unit 11010005, on right bank 1.8 mi upstream from Highway 43 bridge, .8 mi upstream from Smith Creek, 2.6 mi south of Boxley, and at mi 108.9.

DRAINAGE AREA.--57 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1993 to current year.

GAGE.--Water-stage recorder.

REMARKS.--Water-discharge records poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.13	12	61	28	98	104	89	941	19	11	3.2	.90
2	.16	12	54	25	85	92	78	540	36	9.8	3.3	.84
3	.20	13	47	22	74	84	69	366	36	9.3	3.4	.63
4	.23	419	42	21	62	79	63	296	55	9.7	3.3	.92
5	.24	1580	37	18	e56	75	55	214	42	17	3.6	.75
6	.29	702	32	18	e53	70	49	255	38	13	3.2	.60
7	.25	281	29	22	e50	680	45	354	31	10	3.0	.59
8	.51	155	30	23	e48	415	41	1190	25	9.0	2.8	.55
9	.62	436	637	23	e46	278	38	712	21	7.9	2.6	.59
10	.55	624	502	24	e45	210	79	418	412	7.0	2.3	.53
11	.64	305	291	27	e44	168	811	280	731	6.2	2.1	.47
12	.85	185	204	28	e42	141	503	202	471	5.7	2.0	.73
13	1.1	129	153	598	e42	120	314	159	259	5.2	1.7	.84
14	1.3	311	121	972	e41	246	227	164	161	4.8	1.5	.63
15	1.5	683	99	496	40	439	176	118	113	4.5	1.3	.63
16	1.9	378	123	308	67	290	142	92	82	4.0	1.2	2.8
17	2.0	239	154	216	60	218	119	76	61	4.1	1.0	2.6
18	2.1	165	119	164	56	176	105	e60	46	4.7	.83	2.8
19	2.5	119	101	173	55	149	202	e48	36	3.8	1.2	3.5
20	2.9	98	91	143	52	126	883	e40	30	3.8	1.4	5.8
21	3.6	235	85	135	49	106	469	e33	26	4.3	.99	7.7
22	3.8	154	76	122	47	93	299	e26	21	4.9	.93	8.2
23	5.0	116	67	108	45	80	255	e23	19	4.9	.94	9.2
24	6.6	95	60	93	41	67	202	21	18	4.8	.89	9.6
25	8.0	81	53	95	38	61	159	20	17	4.2	.85	10
26	8.5	68	47	108	38	109	132	19	15	4.1	.91	11
27	9.2	95	42	145	120	320	114	20	13	3.7	.87	11
28	10	125	39	195	124	180	92	38	12	3.4	.81	11
29	10	90	35	156	---	141	186	29	12	3.5	.76	11
30	11	72	32	130	---	118	375	21	12	3.2	.69	10
31	12	---	29	111	---	101	---	19	---	3.0	.72	---
TOTAL	107.67	7977	3492	4747	1618	5536	6371	6794	2870	194.5	54.29	126.40
MEAN	3.47	266	113	153	57.8	179	212	219	95.7	6.27	1.75	4.21
MAX	12	1580	637	972	124	680	883	1190	731	17	3.6	11
MIN	.13	12	29	18	38	61	38	19	12	3.0	.69	.47
AC-FT	214	15820	6930	9420	3210	10980	12640	13480	5690	386	108	251
CFSM	.06	4.63	1.96	2.67	1.01	3.11	3.70	3.82	1.67	.11	.03	.07
IN.	.07	5.17	2.26	3.08	1.05	3.59	4.13	4.40	1.86	.13	.04	.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1995, BY WATER YEAR (WY)

	MEAN	MAX	(WY)	MIN	(WY)
1993	17.3	31.0	1994	3.47	1995
1994	209	266	1995	151	1994
1995	118	123	1994	113	1995
1996	122	153	1995	90.6	1994
1997	102	146	1994	57.8	1995
1998	184	188	1995	179	1994
1999	171	212	1994	130	1995
2000	140	219	1995	71.3	1994
2001	37.7	95.7	1994	4.27	1993
2002	4.14	6.27	1993	3.05	1992
2003	4.91	12.4	1992	.57	1991
2004	6.72	13.3	1991	2.60	1990

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1993 - 1995

ANNUAL TOTAL	31117.29	39887.86	94.2
ANNUAL MEAN	85.3	109	109
HIGHEST ANNUAL MEAN			79.1
LOWEST ANNUAL MEAN			1580
HIGHEST DAILY MEAN	1580	Nov 5	1580
LOWEST DAILY MEAN	.13	Sep 30	.07
ANNUAL SEVEN-DAY MINIMUM	.16	Sep 27	.21
INSTANTANEOUS PEAK FLOW			.10
INSTANTANEOUS PEAK STAGE			a1980
INSTANTANEOUS LOW FLOW			8.66
ANNUAL RUNOFF (AC-FT)	61720	79120	.10
ANNUAL RUNOFF (CFSM)	1.49	1.90	68230
ANNUAL RUNOFF (INCHES)	20.17	25.85	1.64
10 PERCENT EXCEEDS	256	297	22.29
50 PERCENT EXCEEDS	24	41	246
90 PERCENT EXCEEDS	1.9	.93	24
			1.1

^aFrom rating curve extended above 1,400 ft³/s

^eEstimated

WHITE RIVER BASIN

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07055646 BUFFALO RIVER NEAR BOXLEY---CONTINUED WATER-QUALITY RECORDS

PERIOD OF RECORD.--April, 1994 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST- CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)
OCT											
17.	1215	80513	80020	2.0	183	7.5	17.0	7.0	75	K7	K5
NOV											
14.	1410	80513	80020	583	61	6.9	14.0	10.2	102	K50	K88
DEC											
05.	1200	80513	80020	36	59	7.8	10.5	10.9	100	<1	K2
JAN											
10.	1500	80513	80020	25	63	8.0	7.5	9.1	79	K1	K12
FEB											
16.	0930	80513	80020	71	60	7.3	4.5	12.0	96	K1	K3
MAR											
22.	1100	80513	80020	95	53	7.4	12.5	10.5	103	K4	K1
APR											
11.	0815	80513	80020	787	43	7.5	13.0	9.8	97	410	540
MAY											
10.	1045	80513	80020	467	50	7.8	13.5	9.8	98	K100	K62
JUN											
07.	0900	80513	80020	33	67	7.7	18.5	8.3	93	30	27
JUL											
11.	1600	80513	80020	6.0	116	7.7	28.0	7.1	93	K3	K2
AUG											
23.	0930	80513	80020	1.0	174	7.6	22.5	5.2	62	K10	K6

DATE	TIME	STREP- TOCOC FECAL, KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT DIS TOT FET FIELD MG/L AS CACO3 (00418)
OCT											
17.	1215	26	90	5	32	2.5	1.6	4	0.1	1.1	87
NOV											
14.	1410	2700	27	3	9.2	0.99	0.90	7	0.1	0.70	25
DEC											
05.	1200	23	26	0	8.7	1.0	0.90	7	0.1	0.50	26
JAN											
10.	1500	K3	26	3	8.9	1.0	0.90	7	0.1	0.50	25
FEB											
16.	0930	25	26	0	8.9	0.96	0.90	7	0.1	0.50	29
MAR											
22.	1100	K12	23	1	7.6	0.90	0.90	8	0.1	0.60	22
APR											
11.	0815	1900	18	3	5.9	0.83	0.80	8	0.1	0.70	18
MAY											
10.	1045	K330	22	0	7.3	0.86	0.80	7	0.1	0.60	25
JUN											
07.	0900	130	29	0	9.8	1.1	1.0	7	0.1	0.70	37
JUL											
11.	1600	23	54	0	19	1.7	1.2	4	0.1	0.90	57
AUG											
23.	0930	1500	82	0	29	2.3	1.5	4	0.1	1.3	89

DATE	TIME	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITU- ENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)
OCT											
17.	1215	0	104	85	4.2	0.90	<0.10	5.3	95	99	0.51
NOV											
14.	1410	0	29	23	2.5	1.2	<0.10	6.5	39	36	61.4
DEC											
05.	1200	0	31	26	2.8	1.1	<0.10	5.6	38	36	3.69
JAN											
10.	1500	0	29	24	2.5	1.1	<0.10	5.0	36	34	2.43
FEB											
16.	0930	0	35	28	4.1	1.3	<0.10	5.2	39	39	7.48
MAR											
22.	1100	0	26	21	2.2	0.80	<0.10	6.2	35	32	8.98
APR											
11.	0815	0	19	16	2.0	0.70	<0.10	5.8	40	27	85.0
MAY											
10.	1045	0	30	24	2.4	0.80	<0.10	6.4	34	34	42.9
JUN											
07.	0900	0	44	36	2.2	0.90	<0.10	6.3	45	44	4.01
JUL											
11.	1600	0	68	56	3.1	0.80	0.10	6.5	68	67	1.10
AUG											
23.	0930	0	108	88	2.7	0.90	<0.10	6.2	97	97	0.26

WHITE RIVER BASIN

07055646 BUFFALO RIVER NEAR BOXLEY--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)
OCT 17.	1215	0.13	--	<0.010	--	<0.050	0.020	<0.20	<0.20	0.020	<0.010
NOV 14.	1410	0.05	--	<0.010	--	<0.050	<0.015	<0.20	<0.20	0.030	<0.010
DEC 05.	1200	0.05	--	<0.010	--	<0.050	<0.015	<0.20	<0.20	<0.010	<0.010
JAN 10.	1500	0.05	--	<0.010	--	<0.050	<0.015	<0.20	<0.20	<0.010	<0.010
FEB 16.	0930	0.05	--	<0.010	--	<0.050	<0.015	<0.20	<0.20	0.020	<0.010
MAR 22.	1100	0.05	--	<0.010	--	<0.050	<0.015	<0.20	<0.20	0.010	<0.010
APR 11.	0815	0.05	0.050	0.010	0.060	0.060	<0.015	<0.20	<0.20	0.040	0.020
MAY 10.	1045	0.05	--	<0.010	0.110	0.110	0.020	<0.20	<0.20	0.020	<0.010
JUN 07.	0900	0.06	--	<0.010	--	<0.050	0.020	<0.20	<0.20	<0.010	<0.010
JUL 11.	1600	0.09	--	<0.010	--	<0.050	0.020	<0.20	<0.20	<0.010	<0.010
AUG 23.	0930	0.13	--	<0.010	--	<0.050	<0.015	<0.20	<0.20	0.020	0.030
DATE	TIME	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ANTI- MONY, DIS- SOLVED (UG/L AS SB) (01095)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)
OCT 17.	1215	<0.010	3	<1	2	24	<1	<1.0	<1	<1	<1
NOV 14.	1410	<0.010	160	<1	<1	9	<1	<1.0	<1	<1	1
DEC 05.	1200	<0.010	30	<1	<1	8	<1	<1.0	<1	<1	<1
JAN 10.	1500	<0.010	--	--	--	--	--	--	--	--	--
FEB 16.	0930	<0.010	60	<1	<1	7	<1	<1.0	<1	<1	<1
MAR 22.	1100	<0.010	--	--	--	--	--	--	--	--	--
APR 11.	0815	0.020	260	<1	<1	9	<1	<1.0	1	<1	<1
MAY 10.	1045	<0.010	--	--	--	--	--	--	--	--	--
JUN 07.	0900	<0.010	60	<1	<1	9	<1	<1.0	<1	<1	1
JUL 11.	1600	<0.010	--	--	--	--	--	--	--	--	--
AUG 23.	0930	<0.010	8	<1	<1	23	<1	<1.0	<1	<1	<1
DATE	TIME	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DIS- SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)
OCT 17.	1215	24	<1	49	<1	2	<1	<1.0	2	<1.0	0.9
NOV 14.	1410	57	<1	4	<1	<1	<1	<1.0	<1	<1.0	1.7
DEC 05.	1200	14	<1	2	<1	<1	<1	<1.0	3	<1.0	0.6
JAN 10.	1500	27	--	2	--	--	--	--	--	--	0.4
FEB 16.	0930	31	<1	2	<1	<1	<1	<1.0	1	<1.0	0.9
MAR 22.	1100	45	--	2	--	--	--	--	--	--	0.4
APR 11.	0815	69	<1	9	<1	1	<1	<1.0	4	<1.0	2.9
MAY 10.	1045	27	--	2	--	--	--	--	--	--	0.9
JUN 07.	0900	37	<1	4	<1	<1	<1	<1.0	2	<1.0	0.8
JUL 11.	1600	9	--	16	--	--	--	--	--	--	0.7
AUG 23.	0930	25	<1	43	<1	<1	<1	<1.0	2	<1.0	0.8

WHITE RIVER BASIN

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07055646 BUFFALO RIVER NEAR BOXLEY--CONTINUED WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	CARBON, ORGANIC SUS- PENDE TOTAL (MG/L AS C) (00689)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. & FINER THAN .062 MM (70331)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	DEETHYL ATRA- ZINE, WATER, DISS, REC, (UG/L) (04040)	ATRA- ZINE, WATER, DISS, REC, (UG/L) (39632)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (82686)	BEN- FLUR- ALIN WAT FLT 0.7 U GF, REC (82673)
OCT 17.	1215	0.2	9	0.05	36	--	--	--	--	--
NOV 14.	1410	0.5	20	31	64	--	--	--	--	--
DEC 05.	1200	0.1	6	0.58	57	--	--	--	--	--
JAN 10.	1500	0.1	6	0.41	31	--	--	--	--	--
FEB 16.	0930	0.1	5	0.96	50	--	--	--	--	--
MAR 22.	1100	0.1	4	1.0	68	--	--	--	--	--
APR 11.	0815	0.5	27	57	92	<0.01	<0.00	<0.02	<0.04	<0.01
MAY 10.	1045	0.1	13	16	97	<0.01	<0.00	<0.02	<0.04	<0.01
JUN 07.	0900	0.1	13	1.2	82	<0.00	<0.00	<0.00	<0.00	<0.00
JUL 11.	1600	0.2	25	0.41	82	--	--	--	--	--
AUG 23.	0930	0.3	23	0.06	82	--	--	--	--	--
DATE	TIME	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	P, P' DDE DISSOLV (UG/L) (34653)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	
APR 11.	0815	<0.01	<0.05	<0.01	<0.00	<0.01	<0.00	<0.01	<0.0	
MAY 10.	1045	<0.01	<0.05	<0.01	<0.00	<0.01	<0.00	<0.01	<0.01	
JUN 07.	0900	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.01	<0.00	
DATE	TIME	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	
APR 11.	0815	<0.01	<0.01	<0.06	<0.00	<0.01	<0.01	<0.01	<0.01	
MAY 10.	1045	<0.01	<0.01	<0.06	<0.00	<0.01	<0.01	<0.01	<0.01	
JUN 07.	0900	<0.00	<0.00	<0.02	<0.00	<0.00	<0.00	<0.00	<0.00	
DATE	TIME	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA- THION, DIS- SOLVED (UG/L) (39532)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PARA- THION, DIS- SOLVED (UG/L) (39542)
APR 11.	0815	<0.01	<0.04	<0.01	<0.03	<0.01	<0.01	<0.01	<0.01	<0.02
MAY 10.	1045	<0.01	<0.04	<0.01	<0.03	<0.01	<0.01	<0.01	<0.01	<0.02
JUN 07.	0900	<0.00	<0.00	<0.00	<0.01	<0.00	<0.00	<0.00	<0.00	<0.00
DATE	TIME	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
APR 11.	0815	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01
MAY 10.	1045	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01
JUN 07.	0900	<0.00	<0.00	<0.00	<0.00	<0.00	<0.02	<0.01	<0.00	<0.01
DATE	TIME	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ACETO- CHLOR, WATER FLTRD 0.7 U REC (UG/L) (49260)	
APR 11.	0815	<0.01	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.009	
MAY 10.	1045	<0.01	<0.01	E0.00	<0.03	<0.01	<0.01	<0.01	<0.009	
JUN 07.	0900	<0.00	<0.00	<0.01	<0.01	<0.	<0.00	<0.00	<0.002	

WHITE RIVER BASIN

07055688 LITTLE BUFFALO RIVER AT MURRAY

LOCATION.--Lat 35°55'09", long 93°19'16", in NW1/4SW1/4NE1/4 sec.33, T.15 N., R.22 W., Newton County, Hydrologic Unit 11010005.

DRAINAGE AREA.--45.1 mi².

PERIOD OF RECORD.--Water years 1994, 95.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, IN CUBIC FEET PER SECOND (00060)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
MAY 16.	1020	80513	80020	40	110	7.9	741	14.5	24.0	10.2	103
AUG 22.	1415	80513	80020	3.3	215	7.6	738	22.5	--	9.6	115
DATE	TIME	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WHOLE UREASE (COL / 100 ML) (31633)	STREP- TOCOCI FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)
MAY 16.	1020	210	65	65	51	0	18	1.4	1.2	5	0.1
AUG 22.	1415	67	77	K97	100	3	37	2.4	1.8	4	0.1
DATE	TIME	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT DIS TOT FET FIELD MG/L AS CACO3 (00418)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)
MAY 16.	1020	0.80	52	0	63	52	4.2	1.2	<0.10	6.2	67
AUG 22.	1415	1.0	99	0	121	99	5.0	1.3	0.20	7.4	123
DATE	TIME	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, AMMONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)
MAY 16.	1020	64	7.31	0.09	<0.010	--	<0.050	<0.010	<0.20	<0.20	<0.010
AUG 22.	1415	116	1.11	0.17	<0.010	0.060	0.060	0.020	<0.20	<0.20	<0.010
DATE	TIME	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDED TOTAL (MG/L AS C) (00689)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	CADMIUM, DIS- SOLVED (UG/L AS CD) (01025)	CHROMIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)
MAY 16.	1020	<0.010	<0.010	2.8	0.1	<1	9	<0.5	<1.0	<5	<3
AUG 22.	1415	<0.010	0.020	1.3	0.2	--	18	<0.5	<1.0	<5	<3
DATE	TIME	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
MAY 16.	1020	<10	15	<10	<4	3	<10	<10	<1	<1.0	34
AUG 22.	1415	<10	11	<10	<4	2	<10	<10	<1	<1.0	70
DATE	TIME	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DI- ELDRIN, DIS- SOLVED (UG/L) (39381)	LINDANE DIS- SOLVED (UG/L) (39341)	MALA- THION, DIS- SOLVED (UG/L) (39532)
MAY 16.	1020	<6	<3	2	0.22	70	<0.02	<0.01	<0.01	<0.01	<0.01
AUG 22.	1415	<6	3	6	0.05	44	--	--	--	--	--
DATE	TIME	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	PARA- THION, DIS- SOLVED (UG/L) (39542)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,4,5-T DIS- SOLVED (UG/L) (39742)	SILVEX, DIS- SOLVED (UG/L) (39762)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	BENTA- ZON WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)
MAY 16.	1020	<0.01	<0.02	<0.05	<0.05	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01
DATE	TIME	CYANA- ZINE WATER, DISS, REC (UG/L) (04041)	DEETHYL ATRA- ZINE WATER, DISS, REC (UG/L) (04040)	FONOFOS WATER, DISS, REC (UG/L) (04095)	P, P' DDE DISSOLV (UG/L) (34653)	PRO- METON WATER, DISS, REC (UG/L) (04037)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	METRI- BUZIN WATER, DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
MAY 16.	1020	<0.01	<0.00	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01

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WHITE RIVER BASIN

07055688 LITTLE BUFFALO RIVER AT MURRAY--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COLLECTING SAMPLE (CODE NUMBER)	AGENCY ANALYZING SAMPLE (CODE NUMBER)	DISCHARGE, IN CUBIC FEET PER SECOND (00060)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	BAROMETRIC PRESSURE (MM HG) (00025)	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, SOLVED (PER-CENT SATURATION) (00301)
MAY 15...	1245	80513	80020	78	96	7.8	739	16.5	25.5	8.7	92
DATE	TIME	COLIFORM, FECA, 0.7 UM-MF (100 ML) (31625)	E. COLI, WHOLE, UREASE (100 ML) (31633)	STREPTOCOCCI, FECA, KF AGAR (100 ML) (31673)	HARDNESS, TOTAL (MG/L AS CaCO3) (00900)	HARDNESS, NONCARBONATE (MG/L AS CaCO3) (00904)	CALCIUM, DIS-SOLVED (MG/L AS Ca) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS Mg) (00925)	SODIUM, DIS-SOLVED (MG/L AS Na) (00930)	SODIUM, AD-SORPTION RATIO (00932)	SODIUM, AD-SORPTION RATIO (00931)
MAY 15...	1245	K13	K3	63	45	2	16	1.2	1.0	5	0.1
DATE	TIME	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKALINITY, WAT DIS TOT FET (MG/L AS CaCO3) (00418)	CARBONATE, WAT DIS IT FIELD (MG/L AS CO3) (00452)	BICARBONATE, WAT DIS IT FIELD (MG/L AS HCO3) (00453)	ALKALINITY, WAT DIS TOT IT FIELD (MG/L AS CaCO3) (39086)	SULFATE, DIS-SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
MAY 15...	1245	0.70	44	0	52	43	2.9	1.1	<0.10	6.6	57
DATE	TIME	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L DAY) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITROGEN, NITRATE, DIS-SOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3, DIS-SOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA, DIS-SOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC, DIS-SOLVED (MG/L AS N) (00625)	NITROGEN, AMMONIA + ORGANIC, DIS-SOLVED (MG/L AS N) (00623)	PHOSPHORUS, TOTAL (MG/L AS P) (00665)	PHOSPHORUS, DIS-SOLVED (MG/L AS P) (00666)
MAY 15...	1245	55	12.1	0.08	<0.010	<0.050	0.020	<0.20	<0.20	<0.010	0.020
DATE	TIME	PHOSPHORUS, ORTHO, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC, SOLVED (MG/L AS C) (00681)	CARBON, SUSPENDED, TOTAL (MG/L AS C) (00689)	ALUMINUM, DIS-SOLVED (UG/L AS AL) (01106)	ARSENIC, DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYLLIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM, DIS-SOLVED (UG/L AS CD) (01025)	CHROMIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)
MAY 15...	1245	<0.010	1.5	0.1	30	<1	10	<1	<1.0	<1	<1
DATE	TIME	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGANESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELENIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	SEDIMENT, SUSPENDED (MG/L) (80154)
MAY 15...	1245	<1	14	<1	2	<1	2	<1	<1.0	2	3
DATE	TIME	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)	SEDIMENT, SUSPENDED, & FINER THAN .062 MM (70331)	ATRAZINE, WATER, DISS, REC (UG/L) (39632)	DI-ALDRIN, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN, DIS-SOLVED (UG/L) (39381)	LINDANE, DIS-SOLVED (UG/L) (39341)	MALATHION, DIS-SOLVED (UG/L) (39532)	METHOCHLOR, WATER, DISSOLV (UG/L) (39415)	PARATHION, DIS-SOLVED (UG/L) (39542)	ALPHA BHC, DIS-SOLVED (UG/L) (34253)
MAY 15...	1245	0.64	82	<0.02	<0.01	E0.00	<0.01	<0.01	<0.01	<0.02	<0.01
DATE	TIME	ALACHLOR, WATER, DISS, REC (UG/L) (46342)	BUTYLATE, WATER, DISS, REC (UG/L) (04028)	CHLORPYRIFOS, WATER, DISS, REC (UG/L) (38933)	CYANAZINE, WATER, DISS, REC (UG/L) (04041)	DEETHYL ATRAZINE, WATER, DISS, REC (UG/L) (04040)	FONOFOS, WATER, DISS, REC (UG/L) (04095)	P, P' DDE, DISSOLV (UG/L) (34653)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRO-PACHLOR, WATER, DISS, REC (UG/L) (04024)	SIMAZINE, WATER, DISS, REC (UG/L) (04035)
MAY 15...	1245	<0.01	<0.01	<0.00	<0.01	<0.00	<0.01	E0.00	<0.01	<0.02	<0.01
DATE	TIME	METRI-BUZIN, WATER, DISSOLV (UG/L) (82630)	2,6-DIETHYL ANILINE, WAT FLT GF, REC (UG/L) (82660)	TRIFLUR-ALIN, WAT FLT GF, REC (UG/L) (82661)	ETHAL-ALIN, WAT FLT GF, REC (UG/L) (82663)	PHORATE, WATER, FLTRD GF, REC (UG/L) (82664)	TER-BACIL, WATER, FLTRD GF, REC (UG/L) (82665)	LIN-URON, WATER, FLTRD GF, REC (UG/L) (82666)	METHYL-PARA-THION, WAT FLT GF, REC (UG/L) (82667)	EPTC, WATER, FLTRD GF, REC (UG/L) (82668)	PEB-ULATE, WATER, FLTRD GF, REC (UG/L) (82669)
MAY 15...	1245	<0.01	<0.01	E0.00	<0.01	<0.01	<0.03	<0.04	<0.03	<0.00	<0.01
DATE	TIME	TEBUTHIURON, WATER, FLTRD GF, REC (UG/L) (82670)	MOLINATE, WATER, FLTRD GF, REC (UG/L) (82671)	ETHO-PROP, WATER, FLTRD GF, REC (UG/L) (82672)	BEN-FLUR-ALIN, WAT FLD GF, REC (UG/L) (82673)	CARBO-FURAN, WATER, FLTRD GF, REC (UG/L) (82674)	TER-BUFOS, WATER, FLTRD GF, REC (UG/L) (82675)	PRON-AMIDE, WATER, FLTRD GF, REC (UG/L) (82676)	DISUL-FOTON, WATER, FLTRD GF, REC (UG/L) (82677)	TRIAL-LATE, WATER, FLTRD GF, REC (UG/L) (82678)	
MAY 15...	1245	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.06	<0.01	
DATE	TIME	PRO-PANIL, WATER, FLTRD GF, REC (UG/L) (82679)	CAR-BARYL, WATER, FLTRD GF, REC (UG/L) (82680)	THIO-BENCARB, WATER, FLTRD GF, REC (UG/L) (82681)	DCPA, WATER, FLTRD GF, REC (UG/L) (82682)	PENDI-METH-ALIN, WAT FLT GF, REC (UG/L) (82683)	NAPROP-AMIDE, WATER, FLTRD GF, REC (UG/L) (82684)	PRO-PARGITE, WATER, FLTRD GF, REC (UG/L) (82685)	METHYL-AZIN-THION, WAT FLT GF, REC (UG/L) (82686)	PER-METHRIN, CIS, WAT FLT GF, REC (UG/L) (82687)	
MAY 15...	1245	<0.02	<0.05	<0.01	<0.00	<0.02	<0.01	<0.01	<0.04	E0.00	

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LOCATION.--Lat 35°57'09", long 93°14'35", in SW¼NE¼SE¼ sec.18, T.15 N., R.21 W., Newton County, Hydrologic Unit 11010005.

PERIOD OF RECORD.--Water years 1994, 95.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DATE	TIME	AGENCY COLLECTING SAMPLE (CODE NUMBER)	AGENCY ANALYZING SAMPLE (CODE NUMBER)	DISCHARGE, IN CUBIC FEET PER SECOND (00060)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	BAROMETRIC PRES-SURE (MM OF HG) (00025)	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATURATION) (00301)
MAY 16.	1515	80513	80020	19	137	8.1	743	15.5	23.5	9.3	95
AUG 23.	0815	80513	80020	--	251	7.4	742	16.0	--	8.2	85
DATE	TIME	COLIFORM, FECA, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP-TOCOCCHI FECA, KF AGAR (COLS. PER 100 ML) (31673)	HARD-NESS, FECA, TOTAL (MG/L AS CAC03) (00900)	HARD-NESS, NONCARB DISSOLV FLD. AS CAC03 (MG/L) (00904)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM ADSORPTION RATIO (00931)
MAY 16.	1515	47	46	280	64	4	23	1.7	1.5	5	0.1
AUG 23.	0815	--	--	200	120	5	43	2.8	2.0	3	0.1
DATE	TIME	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKALINITY WAT DIS TOT FET FIELD (MG/L AS CAC03) (00418)	CARBONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	BICARBONATE WATER DIS IT FIELD (MG/L AS HC03) (00453)	ALKALINITY WAT DIS TOT IT FIELD (MG/L AS CAC03) (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
MAY 16.	1515	0.70	60	0	74	60	5.4	1.5	<0.10	6.8	86
AUG 23.	0815	1.1	114	0	139	114	7.9	1.5	0.20	7.7	141
DATE	TIME	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITROGEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DIS-SOLVED TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOSPHORUS TOTAL (MG/L AS P) (00665)
MAY 16.	1515	77	4.32	0.12	<0.010	0.080	0.080	<0.010	<0.20	<0.20	<0.010
AUG 23.	0815	136	--	0.19	<0.010	0.230	0.230	0.020	<0.20	<0.20	0.040
DATE	TIME	PHOSPHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	CARBON ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON ORGANIC SUSPENDED TOTAL (MG/L AS C) (00689)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGANESE, DIS-SOLVED (UG/L AS MN) (01056)	SEDIMENT, DISCHARGE, SUSPENDED (MG/L) (80154)	SEDIMENT, SUSP. SIEVE DIAM. # FINER THAN .062 MM (70331)	ATRAZINE, WATER, DISS, REC (UG/L) (39632)	
MAY 16.	1515	<0.010	<0.010	1.3	0.1	28	1	5	0.25	97	<0.02
AUG 23.	0815	<0.010	<0.010	0.7	0.3	10	2	--	81	--	--
DATE	TIME	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRI, DIS-SOLVED (UG/L) (39381)	LINDANE, DIS-SOLVED (UG/L) (39341)	MALATHION, DIS-SOLVED (UG/L) (39532)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	PARATHION, DIS-SOLVED (UG/L) (39542)	2,4-DB WATER, FLTRD, GF 0.7 U REC (UG/L) (38746)	2,4,5-T DIS-SOLVED (UG/L) (39742)	SILVEX, DIS-SOLVED (UG/L) (39762)	ALPHA BHC DIS-SOLVED (UG/L) (34253)
MAY 16.	1515	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.05	<0.05	<0.05	<0.01
DATE	TIME	ALACHLOR, WATER, DISS, REC (UG/L) (46342)	BENTAZON WATER, FLTRD, GF 0.7 U REC (UG/L) (38711)	BUTYLATE WATER, DISS, REC (UG/L) (04028)	CHLORPYRIFOS DIS-SOLVED (UG/L) (38933)	CYANAZINE WATER, DISS, REC (UG/L) (04041)	DEETHYL ATRAZINE WATER, DISS, REC (UG/L) (04040)	FONOFOS WATER DISS REC (UG/L) (04095)	P, P' DDE DISSOLV (34653)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)
MAY 16.	1515	<0.01	<0.05	<0.01	<0.01	<0.01	<0.00	<0.01	<0.01	<0.01	<0.02
DATE	TIME	SIMAZINE, WATER, DISS, REC (UG/L) (04035)	METRIBUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF REC (UG/L) (82660)	TRIFLURALIN WAT FLT 0.7 U GF REC (UG/L) (82661)	DIMETHOATE FLUR WATER FLT 0.7 U GF REC (UG/L) (82662)	ETHALFLURALIN WAT FLT 0.7 U GF REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF REC (UG/L) (82664)	TERBACIL WATER FLTRD 0.7 U GF REC (UG/L) (82665)	LINURON WATER FLTRD 0.7 U GF REC (UG/L) (82666)	METHYL PARATHION WAT FLT 0.7 U GF REC (UG/L) (82667)
MAY 16.	1515	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.03	<0.04	<0.03
DATE	TIME	EPTC WATER FLTRD 0.7 U GF REC (UG/L) (82668)	PEBULATE WATER FLTRD 0.7 U GF REC (UG/L) (82669)	TEBUTHURON WATER FLTRD 0.7 U GF REC (UG/L) (82670)	MOLINATE WATER FLTRD 0.7 U GF REC (UG/L) (82671)	ETHOPROP WATER FLTRD 0.7 U GF REC (UG/L) (82672)	BENFLURALIN WAT FLD 0.7 U GF REC (UG/L) (82673)	CARBOFURAN WATER FLTRD 0.7 U GF REC (UG/L) (82674)	TERBUFOS WATER FLTRD 0.7 U GF REC (UG/L) (82675)	PRONAMIDE WATER FLTRD 0.7 U GF REC (UG/L) (82676)	DISULFOTON WATER FLTRD 0.7 U GF REC (UG/L) (82677)
MAY 16.	1515	<0.00	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

07055696 SHOP CREEK AT PARTHENON--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

[illegible]

WHITE RIVER BASIN

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07055696 SHOP CREEK AT PARTHENON--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COLLECTING SAMPLE (CODE NUMBER)	AGENCY ANALYZING SAMPLE (CODE NUMBER)	DIS-CHARGE, IN CUBIC FEET PER SECOND (00060)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	BAROMETRIC PRESSURE (MM OF HG) (00025)	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PERCENT SATURATION) (00301)
MAY 15.	1640	80513	80020	27	117	7.6	742	16.0	25.5	9.1	94
DATE	TIME	COLIFORM, FECA, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI, WHOLE, UREASE (COL/100 ML) (31633)	STREP-TOCOCOCCI, FECA, KF AGAR (COLS./100 ML) (31673)	HARDNESS, TOTAL AS (CACO3) (00900)	HARDNESS, NONCARBONATE, DISSOLV FLD. AS (CACO3) (MG/L) (00904)	CALCIUM, DIS-SOLVED (MG/L) (00915)	MAGNESIUM, DIS-SOLVED (MG/L) (00925)	SODIUM, DIS-SOLVED (MG/L) (00930)	SODIUM PERCENT (00932)	SODIUM ADSORPTION RATIO (00931)
MAY 15.	1640	20	K21	31	53	2	19	1.4	1.2	5	0.1
DATE	TIME	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKALINITY, WATER DIS-SOLVED FIELD (MG/L AS CACO3) (00418)	CARBONATE, WATER DIS-SOLVED FIELD (MG/L AS CO3) (00452)	BICARBONATE, WATER DIS-SOLVED FIELD (MG/L AS HCO3) (00453)	ALKALINITY, WATER DIS-SOLVED FIELD (MG/L AS CACO3) (39086)	SULFATE, DIS-SOLVED (MG/L) (00945)	CHLORIDE, DIS-SOLVED (MG/L) (00940)	FLUORIDE, DIS-SOLVED (MG/L) (00950)	SILICA, DIS-SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
MAY 15.	1640	0.80	52	0	62	51	3.7	1.4	<0.10	7.2	70
DATE	TIME	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITROGEN, NITRITE, DIS-SOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3, TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3, DIS-SOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA, DIS-SOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC, TOTAL (MG/L AS N) (00625)	NITROGEN, AMMONIA + ORGANIC, DIS-SOLVED (MG/L AS N) (00623)	PHOSPHORUS, TOTAL (MG/L AS P) (00665)
MAY 15.	1640	65	5.01	0.09	<0.010	0.060	0.060	0.020	<0.20	<0.20	<0.010
DATE	TIME	PHOSPHORUS, DIS-SOLVED (MG/L AS P) (00666)	PHOSPHORUS, ORTHO, DIS-SOLVED (MG/L) (00671)	CARBON, ORGANIC, DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC, SUSPENDED, TOTAL (MG/L AS C) (00689)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGANESE, DIS-SOLVED (UG/L AS MN) (01056)	SEDIMENT, DIS-SOLVED, SUSPENDED (MG/L) (80154)	SEDIMENT, DIS-SOLVED, SUSPENDED, FINER THAN .062 MM (T/DAY) (80155)	SEDIMENT, SUSPENDED, FINER THAN .062 MM (70331)	ATRAZINE, WATER, DIS-SOLVED (UG/L) (39632)
MAY 15.	1640	<0.010	<0.010	1.5	0.1	13	<1	5	0.36	91	<0.00
DATE	TIME	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN, DIS-SOLVED (UG/L) (39381)	LINDANE, DIS-SOLVED (UG/L) (39341)	MALATHION, DIS-SOLVED (UG/L) (39532)	METOLACHLOR, WATER, DISSOLV (UG/L) (39415)	PARATHION, DIS-SOLVED (UG/L) (39542)	ALPHA-BHC, DIS-SOLVED (UG/L) (34253)	ALACHLOR, WATER, DIS-SOLVED (UG/L) (46342)	BUTYLATE, WATER, DIS-SOLVED (UG/L) (04028)	
MAY 15.	1640	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	
DATE	TIME	CHLORPYRIFOS, DIS-SOLVED (UG/L) (38933)	CYANAZINE, WATER, DIS-SOLVED (UG/L) (04041)	DEETHYL ATRAZINE, WATER, DIS-SOLVED (UG/L) (04040)	FONOFOS, WATER, DIS-SOLVED (UG/L) (04095)	P,P'-DDE, DISSOLV (UG/L) (34653)	PRO-METON, WATER, DIS-SOLVED (UG/L) (04037)	PROP-CHLOR, WATER, DIS-SOLVED (UG/L) (04024)	SIMAZINE, WATER, DIS-SOLVED (UG/L) (04035)	METRIBUZIN, WATER, DIS-SOLVED (UG/L) (82630)	
MAY 15.	1640	<0.00	<0.00	<0.00	<0.00	<0.01	<0.02	<0.01	<0.00	<0.00	
DATE	TIME	2,6-DIETHYL ANILINE, WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRIFLURALIN, WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHALFLURALIN, WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE, WATER, FLTRD 0.7 U GF, REC (UG/L) (82664)	TERBACIL, WATER, FLTRD 0.7 U GF, REC (UG/L) (82665)	LINURON, WATER, FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA-THION, WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC, WATER, FLTRD 0.7 U GF, REC (UG/L) (82668)	PEBULATE, WATER, FLTRD 0.7 U GF, REC (UG/L) (82669)	
MAY 15.	1640	<0.00	<0.00	<0.00	<0.00	<0.01	<0.00	<0.01	<0.00	<0.00	
DATE	TIME	TEBUTHIURON, WATER, FLTRD 0.7 U GF, REC (UG/L) (82670)	MOLINATE, WATER, FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHOPROPH, WATER, FLTRD 0.7 U GF, REC (UG/L) (82672)	BENFLURALIN, WAT FLT 0.7 U GF, REC (UG/L) (82673)	CARBOFURAN, WATER, FLTRD 0.7 U GF, REC (UG/L) (82674)	TERBIFOS, WATER, FLTRD 0.7 U GF, REC (UG/L) (82675)	PRONAMIDE, WATER, FLTRD 0.7 U GF, REC (UG/L) (82676)	DISULFOTON, WATER, FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIALATE, WATER, FLTRD 0.7 U GF, REC (UG/L) (82678)	
MAY 15.	1640	<0.01	<0.00	<0.00	<0.00	<0.00	<0.01	<0.00	<0.02	<0.00	
DATE	TIME	PROPANIL, WATER, FLTRD 0.7 U GF, REC (UG/L) (82679)	CARBARYL, WATER, FLTRD 0.7 U GF, REC (UG/L) (82680)	THIOBENCARB, WATER, FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA, WATER, FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDIMETHALIN, WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROFAMIDE, WATER, FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO-PARGITE, WATER, FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZINPHOS, WAT FLT 0.7 U GF, REC (UG/L) (82686)	PERMETHRIN, WAT FLT 0.7 U GF, REC (UG/L) (82687)	
MAY 15.	1640	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.01	<0.00	<0.00	

07055865 BUFFALO RIVER NEAR EULA

LOCATION.--Lat 35°58'11", long 92°53'10", in NE1/4NW1/4NW1/4 sec.10, T.15 N., R.18 W., Searcy County, Hydrologic Unit 11010005.

DRAINAGE AREA.--601 mi².

PERIOD OF RECORD.--Water years 1994, 95.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DATE	TIME	AGENCY COLLECTING SAMPLE (CODE NUMBER)	AGENCY ANALYZING SAMPLE (CODE NUMBER)	DISCHARGE, IN CUBIC FEET PER SECOND (00060)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	BAROMETRIC PRESSURE (MM OF HG) (00025)	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)
MAY 17.	1800	80513	80020	146	207	7.9	750	22.0	22.0	9.2	107
AUG 23.	1330	80513	80020	51	243	7.9	750	26.0	--	7.0	88
DATE	TIME	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI, WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP-TOCOCCHI KF AGAR (COLS. PER 100 ML) (31673)	HARD-NESS TOTAL (MG/L AS CaCO3) (00900)	HARD-NESS NONCARB DISSOLV FLD. AS CaCO3 (MG/L) (00904)	CALCIUM DIS-SOLVED (MG/L AS Ca) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS Na) (00930)	SODIUM PERCENT (00932)	SODIUM ADSORPTION RATIO (00931)
MAY 17.	1800	K10	K5	K6	100	1	37	2.7	1.6	3	0.1
AUG 23.	1330	--	K10	K13	120	0	39	4.6	1.9	3	0.1
DATE	TIME	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKALINITY WAT DIS TOT FET FIELD (MG/L AS CaCO3) (00418)	CARBONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	BICARBONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKALINITY WAT DIS TOT IT FIELD (MG/L AS CaCO3) (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
MAY 17.	1800	1.0	103	0	125	102	6.3	2.0	0.10	5.3	124
AUG 23.	1330	1.0	117	0	142	117	4.4	2.6	0.20	8.6	133
DATE	TIME	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITROGEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DIS-SOLVED TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, AMMONIA + ORGANIC DIS-SOLVED (MG/L AS N) (00623)	PHOSPHORUS, TOTAL (MG/L AS P) (00665)
MAY 17.	1800	118	49.0	0.17	<0.010	0.065	0.065	0.020	<0.20	<0.20	<0.010
AUG 23.	1330	132	18.1	0.18	<0.010	--	<0.050	0.030	<0.20	<0.20	<0.010
DATE	TIME	PHOSPHORUS, DIS-SOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C) (00689)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGANESE, DIS-SOLVED (UG/L AS MN) (01056)	SEDIMENT, DISCHARGE, SUSPENDED (MG/L) (80154)	SEDIMENT, SUSP. SIEVE, CHARGE, SUSPENDED (T/DAY) (80155)	SEDIMENT, SUSP. SIEVE, CHARGE, SUSP. FINER THAN .062 MM (UG/L) (70331)	ATRAZINE, WATER, DISS. REC (UG/L) (39632)
MAY 17.	1800	<0.010	<0.010	3.3	0.2	22	7	10	4.0	8	<0.02
AUG 23.	1330	<0.010	<0.010	1.2	0.2	22	13	3	0.41	28	--
DATE	TIME	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN, DIS-SOLVED (UG/L) (39381)	LINDANE, DIS-SOLVED (UG/L) (39341)	MALATHION, DIS-SOLVED (UG/L) (39532)	METHO-LACHLOR, WATER DISSOLV (UG/L) (39415)	PARATHION, DIS-SOLVED (UG/L) (39542)	2,4-DB, WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,4,5-T, DIS-SOLVED (UG/L) (39742)	SILVEX, DIS-SOLVED (UG/L) (39762)	ALPHA BHC, DIS-SOLVED (UG/L) (34253)
MAY 17.	1800	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.05	<0.05	<0.05	<0.01
DATE	TIME	ALACHLOR, WATER, DISS. REC (UG/L) (46342)	BENTAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BUTYLATE, WATER, DISS. REC (UG/L) (04028)	CHLORPYRIFOS, DIS-SOLVED (UG/L) (38933)	CYANAZINE, WATER, DISS. REC (UG/L) (04041)	DEETHYL ATRAZINE, WATER, DISS. REC (UG/L) (04040)	FONOFOS, WATER, DISS. REC (UG/L) (04095)	P, P' DDE DISSOLV (UG/L) (34653)	PRO-METON, WATER, DISS. REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS. REC (UG/L) (04024)
MAY 17.	1800	<0.01	<0.05	<0.01	<0.01	<0.01	<0.00	<0.01	0.00	<0.01	<0.02
DATE	TIME	SIMAZINE, WATER, DISS. REC (UG/L) (04035)	METRIBUZIN, SENCOR, DISSOLV (UG/L) (82630)	2,6-DI-ETHYL ANILINE, WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRIFLUR-ALIN, WAT FLT 0.7 U GF, REC (UG/L) (82661)	DIMETH-OATE, WATER, FLTRD, GF 0.7 U GC, REC (UG/L) (82662)	ETHAL-FLUR-ALIN, WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82664)	TER-BACIL, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82665)	LIN-URON, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82666)	METHYL PARA-THION, WAT FLT 0.7 U GF, REC (UG/L) (82667)
MAY 17.	1800	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.03	<0.04	<0.03
DATE	TIME	EPTC, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82668)	PEBULATE, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82669)	TBUTHURON, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82670)	MOL-INATE, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82671)	ETHO-PROP, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82672)	BEN-FLUR-ALIN, WAT FLT 0.7 U GF, REC (UG/L) (82673)	CARBO-FURAN, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82674)	TER-BUFOS, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82675)	PRON-AMIDE, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82676)	DISULFOTON, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82677)
MAY 17.	1800	<0.00	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

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WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

[illegible]

WHITE RIVER BASIN

07055865 BUFFALO RIVER NEAR EULA--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE OF (MM HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
MAY 16.	1445	80513	80020	197	8.2	745	22.0	26.0	8.7	101	K10
DATE	TIME	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP- TOCOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
MAY 16.	1445	K7	K9	98	1	35	2.6	1.3	3	0.1	0.80
DATE	TIME	ALKA- LINITY WAT DIS TOT FET FIELD MG/L AS CACO3 (00418)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00955)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	
MAY 16.	1445	102	0	119	98	4.1	1.6	<0.10	6.3	110	
DATE	TIME	SOLIDS, SUM OF CONSTIT- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (MG/L AC-FT) (70303)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL DIS- SOLVED (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 TOTAL DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL DIS- SOLVED (MG/L AS N) (00625)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL DIS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS TOTAL DIS- SOLVED (MG/L AS P) (00665)	
MAY 16.	1445	111	0.15	<0.010	0.070	0.070	0.020	<0.20	<0.20	<0.010	
DATE	TIME	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHOPHOS- PHATE DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDED TOTAL DIS- SOLVED (MG/L AS C) (00689)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SEDI- MENT, SUS- PENDED TOTAL DIS- SOLVED (MG/L AS P) (80154)	SED. SUSP. SIEVE DIAM. % FINER THAN (0.625 MM) (70331)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	
MAY 16.	1445	0.010	<0.010	1.8	0.1	19	5	4	89	<0.02	
DATE	TIME	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	LINDANE DIS- SOLVED (UG/L) (39341)	MALA- THION, DIS- SOLVED (UG/L) (39532)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	PARA- THION, DIS- SOLVED (UG/L) (39542)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	
MAY 16.	1445	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	
DATE	TIME	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	FONOFOS WATER DISS, REC (UG/L) (04095)	P, P' DDE DISSOLV (UG/L) (34653)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	METRI- BUZIN, WATER, DISSOLV (UG/L) (82630)	
MAY 16.	1445	<0.00	<0.01	<0.00	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	
DATE	TIME	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	
MAY 16.	1445	<0.01	<0.01	<0.01	<0.01	<0.03	<0.04	<0.03	<0.00	<0.01	
DATE	TIME	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BIFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- ATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	
MAY 16.	1445	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.06	<0.01	
DATE	TIME	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
MAY 16.	1445	<0.02	<0.05	<0.01	<0.00	<0.02	<0.01	<0.01	<0.04	<0.02	

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PERIOD OF RECORD.--Water years 1992, 94, 95.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DATE	TIME	AGENCY COLLECTING SAMPLE (CODE NUMBER)	AGENCY ANALYZING SAMPLE (CODE NUMBER)	DISCHARGE, IN CUBIC FEET PER SECOND (00060)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	BAROMETRIC PRESSURE (MM OF HG) (00025)	TEMPERATURE WATER (DEG C) (00010)	TEMPERATURE AIR (DEG C) (00020)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PER CENT SATURATION) (00301)
MAY 17.	0730	80513	80020	78	33	7.7	744	15.5	17.5	8.6	88
AUG 24.	1315	80513	80020	--	126	7.5	743	23.0	--	8.9	107
DATE	TIME	COLIFORM, FECA, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL/100 ML) (31633)	STREP-TOCOCCHI FECA, KF AGAR (COLS./100 ML) (31673)	HARD-NESS DISSOLV AS CAC03 (MG/L) (00900)	HARD-NESS DISSOLV AS CAC03 (MG/L) (00904)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM ADSORPTION RATIO (00931)
MAY 17.	0730	31	29	250	13	0	4.0	0.75	0.90	13	0.1
AUG 24.	1315	K27	<3	160	56	0	19	2.0	1.6	6	0.1
DATE	TIME	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKALINITY WAT TOT FET FIELD AS CAC03 (00418)	CARBONATE WATER DIS IT FIELD AS C03 (00452)	BICARBONATE WATER DIS IT FIELD AS HC03 (00453)	ALKALINITY WAT DIS TOT IT FIELD AS CAC03 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
MAY 17.	0730	0.40	22	0	25	21	2.1	0.80	<0.10	6.2	31
AUG 24.	1315	0.90	57	0	68	55	3.5	1.0	0.20	6.2	70
DATE	TIME	SOLIDS, SUM OR CONSTITUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITROGEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DIS-SOLVED TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOSPHORUS TOTAL (MG/L AS P) (00665)
MAY 17.	0730	27	6.54	0.04	<0.010	--	<0.050	<0.010	<0.20	<0.20	<0.010
AUG 24.	1315	68	--	0.09	<0.010	0.050	0.050	0.030	<0.20	<0.20	<0.010
DATE	TIME	PHOSPHORUS, DIS-SOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	CARBON ORGANIC, DIS-SOLVED (MG/L AS C) (00681)	CARBON ORGANIC SUSPENDED TOTAL (MG/L AS C) (00689)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGANESE, DIS-SOLVED (UG/L AS MN) (01056)	SEDIMENT, DIS-CHARGE, SUSPENDED (MG/L) (80154)	SEDIMENT, SUSP. SIEVE DIAM. FINER THAN .062 MM (T/DAY) (80155)	SEDIMENT, SUSP. SIEVE DIAM. FINER THAN .062 MM (70331)	ATRAZINE, WATER, DISS. REC (UG/L) (39632)
MAY 17.	0730	<0.010	<0.010	2.1	0.2	36	2	5	1.1	72	<0.02
AUG 24.	1315	<0.010	0.010	0.8	0.2	5	3	2	--	27	--
DATE	TIME	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRI, DIS-SOLVED (UG/L) (39381)	LINDANE, DIS-SOLVED (UG/L) (39341)	MALATHION, DIS-SOLVED (UG/L) (39532)	METOLACHLOR, WATER DISSOLV (UG/L) (39415)	PARATHION, DIS-SOLVED (UG/L) (39542)	2,4-DB WATER, FLTRD, GF 0.7 U REC (UG/L) (38746)	2,4,5-T, DIS-SOLVED (UG/L) (39742)	SILVEX, DIS-SOLVED (UG/L) (39762)	ALPHA BHC, DIS-SOLVED (UG/L) (34253)
MAY 17.	0730	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.05	<0.05	<0.05	<0.01
DATE	TIME	ALACHLOR, WATER, DISS. REC (UG/L) (46342)	BENTAZON, WATER, FLTRD, GF 0.7 U REC (UG/L) (38711)	BUTYLATE, WATER, DISS. REC (UG/L) (04028)	CHLORPYRIFOS, DIS-SOLVED (UG/L) (38933)	CYANAZINE, WATER, DISS. REC (UG/L) (04041)	ATRAZINE, WATER, DISS. REC (UG/L) (04040)	FONOFOS, WATER, DISS. REC (UG/L) (04095)	P,P'DDE DISSOLV (34653)	PRO-METON, WATER, DISS. REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS. REC (UG/L) (04024)
MAY 17.	0730	<0.01	<0.05	<0.01	<0.01	<0.01	<0.00	<0.01	<0.01	<0.01	<0.02
DATE	TIME	SIMAZINE, WATER, DISS. REC (UG/L) (04035)	METRIBUZIN, SENCOR, WATER, DISSOLV (UG/L) (82630)	2,6-DI-ETHYL ANILINE, WAT FLT 0.7 U GF REC (UG/L) (82660)	TRIFLURALIN, WAT FLT 0.7 U GF REC (UG/L) (82661)	DIMETHOATE, WATER, FLTRD, GF 0.7 U REC (UG/L) (82662)	ETHALFLUR, ALIN WAT FLT 0.7 U GF REC (UG/L) (82663)	PHORATE, WATER, FLTRD, GF 0.7 U REC (UG/L) (82664)	TERBACIL, WATER, FLTRD, GF 0.7 U REC (UG/L) (82665)	LINURON, WATER, FLTRD, GF 0.7 U REC (UG/L) (82666)	METHYL PARATHION, WAT FLT 0.7 U GF REC (UG/L) (82667)
MAY 17.	0730	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.03	<0.04	<0.03
DATE	TIME	EPTC, WATER, FLTRD, GF, REC (UG/L) (82668)	PEBULATE, WATER, FLTRD, GF, REC (UG/L) (82669)	TEBUTHURON, WATER, FLTRD, GF, REC (UG/L) (82670)	MOLINATE, WATER, FLTRD, GF, REC (UG/L) (82671)	ETHOPROP, WATER, FLTRD, GF, REC (UG/L) (82672)	BENFLUR, ALIN WAT FLT 0.7 U GF, REC (UG/L) (82673)	CARBON, WATER, FLTRD, GF, REC (UG/L) (82674)	TERBUFOS, WATER, FLTRD, GF, REC (UG/L) (82675)	PRONAMIDE, WATER, FLTRD, GF, REC (UG/L) (82676)	DISULFOTON, WATER, FLTRD, GF, REC (UG/L) (82677)
MAY 17.	0730	<0.00	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

07055875 RICHLAND CREEK NEAR WITTS SPRING--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

[illegible]

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DATE	TIME	AGENCY COLLECTING SAMPLE (CODE NUMBER)	AGENCY ANALYZING SAMPLE (CODE NUMBER)	DIS-CHARGE, IN CUBIC FEET PER SECOND (00060)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD) (UNITS) (00400)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	TEMPER-A-TURE (WATER) (DEG C) (00010)	TEMPER-A-TURE (AIR) (DEG C) (00020)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
MAY 16.	0930	80513	80020	94	38	7.3	737	18.0	24.5	8.9	97
DATE	TIME	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL /100 ML) (31633)	STREP-TOCOCCHI FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	HARD-NESS NONCARB DISSOLV FLD. AS CAC03 (MG/L) (00904)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD-SORP-TION RATIO (00931)
MAY 16.	0930	34	23	110	15	2	4.8	0.80	0.80	10	0.1
DATE	TIME	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKA-LINITY WAT DIS TOT FET FIELD MG/L AS CACO3 (00418)	CAR-BONATE WATER DIS IT FIELD MG/L AS C03 (00452)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HC03 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CAC03 (39086)	SULFATE DIS-SOLVED (MG/L AS S) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS S02) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
MAY 16.	0930	0.60	14	0	16	13	1.9	0.80	<0.10	6.4	26
DATE	TIME	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)
MAY 16.	0930	24	6.58	0.03	<0.010	<0.050	0.020	<0.20	<0.20	<0.010	<0.010
DATE	TIME	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	CARBON ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON ORGANIC SUS-PENDED TOTAL (MG/L AS C) (00689)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (MG/L) (80155)	SED. SUSP. SIEVE DIAM. * FINER THAN .062 MM (70331)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	
MAY 16.	0930	<0.010	0.9	0.1	24	2	4	1.0	78	E0.00	
DATE	TIME	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN, DIS-SOLVED (UG/L) (39381)	LINDANE, DIS-SOLVED (UG/L) (39341)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METO-LACHLOR, WATER DISSOLV (UG/L) (39415)	PARA-THION, DIS-SOLVED (UG/L) (39542)	ALPHA BHC, DIS-SOLVED (UG/L) (34253)	ALA-CHLOR, WATER, DISS, REC. (UG/L) (46342)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	
MAY 16.	0930	E0.00	E0.01	<0.01	E0.00	E0.00	<0.02	<0.01	E0.00	E0.00	
DATE	TIME	CHLOR-PYRIFOS, DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	FONOFOS, WATER, DISS, REC (UG/L) (04095)	P, P' DDE DISSOLV (UG/L) (34653)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	METRI-BUZZIN, SENCOR, WATER, DISSOLV (UG/L) (82630)	
MAY 16.	0930	E0.00	E0.00	E0.00	E0.00	E0.00	E0.00	E0.00	E0.00	<0.01	
DATE	TIME	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE, WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB-ULATE, WATER, FLTRD 0.7 U GF, REC (UG/L) (82669)	
MAY 16.	0930	<0.01	E0.00	E0.01	<0.01	E0.00	<0.04	<0.03	E0.00	E0.00	
DATE	TIME	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL-THINATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	
MAY 16.	0930	E0.00	E0.00	E0.00	E0.00	E0.00	<0.01	<0.01	<0.06	E0.00	
DATE	TIME	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP-METH WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN-THION WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
MAY 16.	0930	E0.00	E0.01	E0.00	E0.00	E0.00	E0.00	E0.00	E0.02	E0.00	

WHITE RIVER BASIN

07056000 BUFFALO RIVER NEAR ST. JOE

LOCATION.--Lat 35°59'00", long 92°44'47", in SW1/4SW1/4 sec.36, T.16 N., R.17 W., Searcy County, Hydrologic Unit 11010005, near right bank on downstream side of bridge on U.S. Highway 65, 1.2 mi downstream from Mill Creek, 4.0 mi upstream from Bear Creek, 4.5 mi southeast of St. Joe, and at mile 58.3.

DRAINAGE AREA.--829 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1939 to current year.

REVISED RECORDS.--WSP 1211: 1945(M), 1949(M). WRD Ark. 1973: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 560.35 ft above sea level. Prior to Mar. 1, 1940, nonrecording gage at present site and datum. Prior to Nov. 6, 1990, at site 300 ft downstream at same datum.

REMARKS.--Water-discharge records good. Satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage, 50.5 ft in August 1915, from information by U.S. Army Corps of Engineers.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32	34	1260	759	1350	1030	1140	14200	418	242	76	32
2	31	34	1130	709	1280	955	1070	9620	1110	228	73	32
3	30	41	1020	664	1200	909	1010	4980	1580	223	70	31
4	30	12100	939	623	1110	879	951	3830	992	211	68	32
5	30	48800	863	586	1030	863	898	2990	791	267	66	31
6	29	15500	796	590	965	852	848	2480	1440	289	65	32
7	29	4480	731	673	912	6690	809	3720	877	366	64	39
8	35	2660	779	714	861	6900	768	13000	646	297	63	44
9	36	4690	10800	688	812	3810	730	14900	519	250	61	45
10	34	9110	8430	673	774	2870	721	6080	1550	216	59	45
11	36	4040	4320	675	750	2330	4540	3920	7890	191	56	44
12	37	2660	3040	686	713	1990	6880	2980	6150	173	54	44
13	36	1990	2350	22100	669	1760	3770	2400	3360	159	52	42
14	35	e3180	1910	27600	646	1610	2700	2000	2180	151	51	39
15	34	e9890	1630	8500	684	2550	2160	1740	1600	140	50	39
16	34	5520	1680	5060	830	2710	1820	1440	1200	128	49	66
17	34	3540	2280	3690	996	2200	1600	1210	943	124	47	60
18	34	2600	1890	2970	945	1890	1420	1110	760	119	46	59
19	35	2010	1620	3000	879	1710	1290	1030	615	112	45	159
20	36	1760	1480	2860	845	1580	6140	874	510	112	43	131
21	38	2780	1410	2570	813	1440	5960	747	443	104	40	103
22	38	2340	1360	2350	782	1320	3350	653	400	98	39	87
23	37	1820	1320	2110	754	1230	2680	577	364	94	38	79
24	38	1570	1240	1890	726	1130	2560	515	343	93	39	74
25	37	1400	1150	1730	692	1040	2120	476	350	90	38	70
26	36	1250	1070	1650	668	1010	1810	456	355	92	36	67
27	36	1790	999	1620	704	2460	1620	442	321	89	35	63
28	36	2340	942	1730	924	1990	1400	450	290	86	35	61
29	36	1790	893	1690	---	1570	1330	454	267	84	34	59
30	35	1470	846	1540	---	1360	3570	449	252	82	33	55
31	34	---	805	1430	---	1230	---	416	---	79	33	---
TOTAL	1068	153189	60983	104130	24314	61868	67665	100139	38516	4989	1558	1764
MEAN	34.5	5106	1967	3359	868	1996	2255	3230	1284	161	50.3	58.8
MAX	38	48800	10800	27600	1350	6900	6880	14900	7890	366	76	159
MIN	29	34	731	586	646	852	721	416	252	79	33	31
AC-FT	2120	303900	121000	206500	48230	122700	134200	198600	76400	9900	3090	3500
CFSM	.04	6.16	2.37	4.05	1.05	2.41	2.72	3.90	1.55	.19	.06	.07
IN.	.05	6.87	2.74	4.67	1.09	2.78	3.04	4.49	1.73	.22	.07	.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1995, BY WATER YEAR (WY)

	MEAN	325	970	1232	1171	1574	1983	2185	1942	800	232	174	149
MAX	3357	5106	8516	6934	5455	8897	9584	6975	5468	1134	1569	1158	
(WY)	1942	1995	1983	1949	1989	1945	1945	1990	1945	1950	1950	1950	
MIN	14.2	19.7	30.4	32.4	114	236	237	352	67.6	29.6	15.0	10.2	
(WY)	1964	1964	1990	1964	1963	1972	1963	1977	1977	1954	1954	1954	

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1940 - 1995

ANNUAL TOTAL	511447	620183	
ANNUAL MEAN	1401	1699	1058
HIGHEST ANNUAL MEAN			2619
LOWEST ANNUAL MEAN			316
HIGHEST DAILY MEAN	48800	Nov 5	124000
LOWEST DAILY MEAN	29	Oct 6	7.0
ANNUAL SEVEN-DAY MINIMUM	30	Oct 1	7.4
INSTANTANEOUS PEAK FLOW			69200
INSTANTANEOUS PEAK STAGE			35.49
INSTANTANEOUS LOW FLOW			28
ANNUAL RUNOFF (AC-FT)	1014000	1230000	766400
ANNUAL RUNOFF (CFSM)	1.69	2.05	1.28
ANNUAL RUNOFF (INCHES)	22.95	27.83	17.34
10 PERCENT EXCEEDS	3110	3620	2350
50 PERCENT EXCEEDS	446	791	319
90 PERCENT EXCEEDS	38	36	45

^aFrom rating curve extended above 91,000 ft³/s

^bAlso Sept. 17, 20, 1954

WHITE RIVER BASIN

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07056000 BUFFALO RIVER NEAR ST. JOE--CONTINUED
WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1954-57, April 1974 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST- CUBIC FEET PER SECOND (00061)	GAGE HEIGHT (FEET) (00065)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	OXYGEN, DIS- SOLVED (MG/L) (00300)
OCT											
19.	0815	80513	80020	35	3.22	273	7.6	752	18.5	19.5	7.0
NOV											
16.	0830	80513	80020	5900	10.89	134	7.6	757	13.5	12.5	9.5
DEC											
07.	0815	80513	80020	743	5.47	194	8.0	757	12.5	--	9.7
09.	1430	80513	80020	16600	17.60	116	7.8	756	9.5	11.0	10.3
JAN											
09.	1500	80513	80020	683	5.38	202	8.4	755	6.5	11.0	8.5
FEB											
14.	1515	80513	80020	652	5.33	210	7.6	750	6.0	13.5	12.2
MAR											
20.	1410	80513	80020	1570	6.58	160	8.2	747	16.0	21.0	10.2
APR											
10.	1515	80513	80020	690	5.39	207	8.1	744	20.0	23.5	9.1
MAY											
08.	1805	80513	80020	22700	20.48	118	7.7	745	14.5	20.0	7.8
JUN											
05.	1430	80513	80020	771	5.73	208	8.2	749	22.5	27.0	9.5
JUL											
10.	1500	80513	80020	211	4.72	241	8.2	752	--	28.5	8.4
AUG											
21.	1525	80513	80020	41	3.70	237	8.2	753	30.0	29.5	9.7
DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP- TOCOCOCI FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
OCT											
19.	0815	76	K13	K14	37	130	0	47	3.7	2.0	3
NOV											
16.	0830	91	130	160	K1000	66	8	24	1.5	1.1	3
DEC											
07.	0815	92	K18	K10	20	97	9	35	2.4	1.4	3
09.	1430	91	4000	2400	2900	52	2	19	1.1	0.80	3
JAN											
09.	1500	70	K1	K2	K2	95	6	34	2.4	1.4	3
FEB											
14.	1515	100	K12	K3	K11	97	7	35	2.4	1.4	3
MAR											
20.	1410	105	K6	K2	K3	77	0	28	1.8	1.3	3
APR											
10.	1515	102	K8	K8	K4	100	6	37	2.6	1.5	3
MAY											
08.	1805	79	5300	4000	K13000	57	6	21	1.2	0.90	3
JUN											
05.	1430	112	51	K160	35	100	0	37	2.3	1.4	3
JUL											
10.	1500	--	K12	K16	78	120	0	43	3.0	1.6	3
AUG											
21.	1525	131	K3	K1	51	120	22	41	3.4	1.8	3
DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT DIS TOT FET FIELD MG/L AS CACO3 (00418)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)
OCT											
19.	0815	0.1	1.0	131	0	162	132	4.9	3.1	<0.10	6.9
NOV											
16.	0830	0.1	0.70	58	0	71	58	3.5	1.8	<0.10	7.6
DEC											
07.	0815	0.1	0.70	88	0	108	88	5.0	2.1	<0.10	5.7
09.	1430	0.0	0.90	52	0	61	50	3.5	1.3	<0.10	5.3
JAN											
09.	1500	0.1	0.60	90	0	108	89	5.5	2.3	<0.10	4.3
FEB											
14.	1515	0.1	0.60	90	0	110	90	5.4	3.0	<0.10	4.0
MAR											
20.	1410	0.1	0.70	89	0	108	88	4.1	1.5	<0.10	5.2
APR											
10.	1515	0.1	0.80	96	0	118	97	4.7	2.3	<0.10	4.3
MAY											
08.	1805	0.0	1.0	52	0	63	52	2.8	1.1	<0.10	6.6
JUN											
05.	1430	0.1	0.80	119	0	144	118	4.6	1.5	<0.10	5.5
JUL											
10.	1500	0.1	0.90	122	0	151	124	4.8	2.0	0.10	7.9
AUG											
21.	1525	0.1	1.1	95	0	115	94	3.4	2.8	<0.10	10

WHITE RIVER BASIN

07056000 BUFFALO RIVER NEAR ST. JOE--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L) (00608)	NITRO- GEN, ORGANIC TOTAL (MG/L) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L) (00607)
OCT 19.	0815	149	149	14.1	0.20	<0.010	0.050	0.050	0.030	--	--
NOV 16.	0830	81	76	1290	0.11	<0.010	0.190	0.190	<0.015	--	--
DEC 07.	0815	106	106	213	0.14	<0.010	0.130	0.130	<0.015	--	--
09.	1430	77	63	3450	0.10	<0.010	0.130	0.130	<0.015	--	--
JAN 09.	1500	110	104	203	0.15	<0.010	0.080	0.080	<0.015	--	--
FEB 14.	1515	113	106	199	0.15	<0.010	0.070	0.070	<0.015	--	--
MAR 20.	1410	87	96	369	0.12	<0.010	--	<0.050	<0.015	--	--
APR 10.	1515	116	111	216	0.16	0.020	--	<0.050	<0.015	--	--
MAY 08.	1805	79	67	4840	0.11	<0.010	0.190	0.190	0.030	0.67	0.17
JUN 05.	1430	125	124	260	0.17	<0.010	0.060	0.060	0.020	--	--
JUL 10.	1500	138	138	78.6	0.19	<0.010	0.050	0.050	0.020	--	--
AUG 21.	1525	139	120	15.4	0.19	<0.010	--	<0.050	<0.015	--	--
DATE	TIME	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L) (00625)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L) (00623)	PHOS- PHORUS TOTAL (MG/L) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L) (00671)	CARBON, ORGANIC DIS- SOLVED (MG/L) (00681)	CARBON, ORGANIC SUS- PENDEED TOTAL (MG/L) (00689)	ALUM- INUM, DIS- SOLVED (UG/L) (01106)	ARSENIC DIS- SOLVED (UG/L) (01000)	BARIUM, DIS- SOLVED (UG/L) (01005)
OCT 19.	0815	<0.20	<0.20	0.010	<0.010	<0.010	0.7	0.2	6	<1	24
NOV 16.	0830	<0.20	<0.20	0.030	0.010	<0.010	2.2	0.5	--	--	--
DEC 07.	0815	<0.20	<0.20	<0.010	<0.010	<0.010	0.9	0.2	20	<1	17
09.	1430	<0.20	<0.20	0.040	0.020	0.020	3.7	2.3	170	<1	13
JAN 09.	1500	<0.20	<0.20	<0.010	0.010	<0.010	0.7	0.1	--	--	--
FEB 14.	1515	<0.20	<0.20	<0.010	<0.010	<0.010	0.6	0.1	10	<1	17
MAR 20.	1410	<0.20	<0.20	0.010	<0.010	<0.010	0.8	0.1	--	--	--
APR 10.	1515	<0.20	<0.20	<0.010	<0.010	<0.010	1.2	0.2	10	<1	18
MAY 08.	1805	0.70	0.20	0.150	0.020	0.020	5.1	1.0	--	--	--
JUN 05.	1430	<0.20	<0.20	<0.010	<0.010	<0.010	1.8	--	20	<1	17
JUL 10.	1500	<0.20	<0.20	<0.010	<0.010	<0.010	1.1	0.2	--	--	--
AUG 21.	1525	<0.20	<0.20	<0.010	<0.010	<0.010	0.9	0.2	7	<1	17
DATE	TIME	BERYL- LIUM, DIS- SOLVED (UG/L) AS BE) (01010)	CADMIUM DIS- SOLVED (UG/L) AS CD) (01025)	CHROMIUM, DIS- SOLVED (UG/L) AS CR) (01030)	COBALT, DIS- SOLVED (UG/L) AS CO) (01035)	COPPER, DIS- SOLVED (UG/L) AS CU) (01040)	IRON, DIS- SOLVED (UG/L) AS FE) (01046)	LEAD, DIS- SOLVED (UG/L) AS PB) (01049)	MANGANESE, DIS- SOLVED (UG/L) AS MN) (01056)	MOLYBDENUM, DIS- SOLVED (UG/L) AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L) AS NI) (01065)
OCT 19.	0815	<1	<1.0	2	<1	<1	8	<1	7	<1	3
NOV 16.	0830	--	--	--	--	--	71	--	5	--	--
DEC 07.	0815	<1	<1.0	<1	<1	<1	13	<1	6	<1	<1
09.	1430	<1	<1.0	<1	<1	<1	83	<1	5	<1	1
JAN 09.	1500	--	--	--	--	--	13	--	3	--	--
FEB 14.	1515	<1	<1.0	<1	<1	<1	7	<1	4	<1	2
MAR 20.	1410	--	--	--	--	--	31	--	4	--	--
APR 10.	1515	<1	<1.0	3	<1	<1	15	<1	6	<1	<1
MAY 08.	1805	--	--	--	--	--	140	--	4	--	--
JUN 05.	1430	<1	<1.0	1	<1	1	22	<1	5	<1	2
JUL 10.	1500	--	--	--	--	--	6	--	8	--	--
AUG 21.	1525	<1	<1.0	1	<1	<1	7	<1	15	<1	<1

WHITE RIVER BASIN

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07056000 BUFFALO RIVER NEAR ST. JOE--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	ATRA- ZINE, WATER, DISS. REC (UG/L) (39632)	DI- AZINON, DIS- SOLVED (UG/L) (39372)	DI- ELDRIN, DIS- SOLVED (UG/L) (39381)	LINDANE DIS- SOLVED (UG/L) (39341)
OCT 19.	0815	<1	<1.0	<1	16	1.5	44	--	--	--	--
NOV 16.	0830	--	--	--	21	335	71	--	--	--	--
DEC 07.	0815	<1	<1.0	<1	6	12	62	--	--	--	--
09.	1430	<1	<1.0	2	249	11200	75	--	--	--	--
JAN 09.	1500	--	--	--	5	9.2	43	--	--	--	--
FEB 14.	1515	<1	<1.0	<1	2	3.5	60	--	--	--	--
MAR 20.	1410	--	--	--	5	21	66	--	--	--	--
APR 10.	1515	<1	<1.0	3	14	26	90	<0.02	<0.01	<0.01	<0.01
MAY 08.	1805	--	--	--	298	18300	86	E0.00	<0.00	<0.00	<0.00
JUN 05.	1430	<1	<1.0	<1	24	50	87	E0.00	<0.00	<0.00	<0.00
JUL 10.	1500	--	--	--	66	38	70	--	--	--	--
AUG 21.	1525	<1	<1.0	4	25	2.8	85	--	--	--	--
DATE	TIME	MALA- THION, DIS- SOLVED (UG/L) (39532)	METO- LACHLOR WATER, DISSOLV (UG/L) (39415)	PARA- THION, DIS- SOLVED (UG/L) (39542)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,4,5-T DIS- SOLVED (UG/L) (39742)	SILVEX, DIS- SOLVED (UG/L) (39762)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)
APR 10.	1515	<0.01	<0.01	<0.02	--	--	--	<0.01	<0.01	--	<0.01
MAY 08.	1805	<0.00	<0.00	<0.00	<0.05	<0.05	<0.05	<0.00	<0.00	<0.05	<0.00
JUN 05.	1430	<0.00	<0.00	<0.00	--	--	--	<0.00	<0.00	--	<0.00
DATE	TIME	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	FONOFOS WATER, DISS REC (UG/L) (04095)	P, P' DDE DISSOLV (UG/L) (34653)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	METRI- BUZIN WATER, DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)
APR 10.	1515	<0.00	<0.01	<0.00	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01
MAY 08.	1805	<0.00	<0.00	E0.00	<0.00	<0.01	<0.02	<0.01	<0.00	<0.00	<0.00
JUN 05.	1430	<0.00	<0.00	<0.00	<0.00	<0.01	<0.02	<0.01	<0.00	<0.00	<0.00
DATE	TIME	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)
APR 10.	1515	<0.01	<0.01	<0.01	<0.03	<0.04	<0.03	<0.00	<0.01	<0.02	<0.01
MAY 08.	1805	<0.00	<0.00	<0.00	<0.01	<0.00	<0.01	<0.00	<0.00	<0.01	<0.00
JUN 05.	1430	<0.00	<0.00	<0.00	<0.01	<0.00	<0.01	<0.00	<0.00	<0.01	<0.00
DATE	TIME	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)
APR 10.	1515	<0.01	<0.01	<0.01	<0.01	<0.01	<0.06	<0.01	<0.02	<0.05	<0.01
MAY 08.	1805	<0.00	<0.00	<0.00	<0.01	<0.00	<0.02	<0.00	<0.00	<0.00	<0.00
JUN 05.	1430	<0.00	<0.00	<0.00	<0.01	<0.00	<0.02	<0.00	<0.00	<0.00	<0.00
DATE	TIME	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ACIFL- URFEN WATER, FLTRD, REC (UG/L) (49315)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	AMIBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)
APR 10.	1515	<0.00	<0.02	<0.01	<0.01	<0.04	<0.02	--	--	--	--
MAY 08.	1805	<0.00	<0.00	<0.00	<0.01	<0.00	<0.00	<0.05	<0.05	<0.05	<0.05
JUN 05.	1430	<0.00	<0.00	<0.00	<0.01	<0.00	<0.00	--	--	--	--

WHITE RIVER BASIN

149

07056695 WATER CREEK NEAR EVENING STAR

LOCATION.--Lat 36°02'59", long 92°34'34", in NW1/4SW1/4NE1/4 sec9, T.16 N., R.15 W., Searcy County, Hydrologic Unit 11010005.

DRAINAGE AREA.--38.3 mi².

PERIOD OF RECORD.--Water years 1994, 95.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE (00027)	AGENCY ANA- LYZING SAMPLE (CODE (00028)	DIS- CHARGE, IN CUBIC FEET PER SECOND (00060)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	OXYGEN, DIS- SOLVED (MG/L) (00300)	
MAY 25. 1400		80513	80020	11	295	8.3	746	23.0	39.0	10.5	
SEP 15. 0850		80513	80020	3.4	280	8.0	755	21.0	20.0	6.9	
DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL URASE (COL / 100 ML) (31633)	STREP- TOCOCCI FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
MAY 25. 1400		125	K8	K3	72	150	1	49	6.7	1.9	3
SEP 15. 0850		78	27	K19	240	140	0	44	6.4	2.7	4
DATE	TIME	SODIUM AD- SORP- TION RATIO (MG/L AS K) (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT DIS TOT FET FIELD MG/L AS CACO3 (00418)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)
MAY 25. 1400		0.1	0.90	147	0	182	149	3.7	3.6	<0.10	7.7
SEP 15. 0850		0.1	0.90	145	0	178	146	3.1	5.4	<0.10	9.8
DATE	TIME	SOLIDS, RESIDUE AT 180 DEG C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITU- ENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00623)
MAY 25. 1400		169	163	4.97	0.23	<0.010	0.100	0.100	0.020	<0.20	<0.20
SEP 15. 0850		153	160	1.38	0.21	<0.010	0.060	0.060	<0.010	<0.20	<0.20
DATE	TIME	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHOPHOS- PHATE, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00689)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SEDI- MENT, DIS- SOLVED (MG/L AS MN) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDEED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN 0.0625 MM (70331)
MAY 25. 1400		0.010	<0.010	<0.010	1.8	0.1	<3	4	10	0.29	12
SEP 15. 0850		<0.010	<0.010	<0.010	0.8	0.1	7	4	6	0.05	55
DATE	TIME	ATRA- ZINE, WATER, DIS- SOLVED (UG/L) (39632)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DI- ELDRIN, DIS- SOLVED (UG/L) (39381)	LINDANE DIS- SOLVED (UG/L) (39341)	MALA- THION, DIS- SOLVED (UG/L) (39532)	METO- LACHLOR, DIS- SOLVED (UG/L) (39415)	PARA- THION, DIS- SOLVED (UG/L) (39542)	2,4-DB WATER, FLTRD GF 0.7U REC (UG/L) (38746)	2,4,5-T DIS- SOLVED (UG/L) (39742)	SILVEX, DIS- SOLVED (UG/L) (39762)
MAY 25. 1400		<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.05	<0.05	<0.05
DATE	TIME	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ALA- CHLOR, WATER, DIS- SOLVED (UG/L) (46342)	BENTA- ZON WATER, FLTRD GF 0.7U REC (UG/L) (38711)	BUTYL- ATE WATER, DIS- SOLVED (UG/L) (04028)	CHLOR- PYRIFOS, DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DIS- SOLVED (UG/L) (04041)	DEETHYL ATRA- ZINE, WATER, DIS- SOLVED (UG/L) (04040)	FONOFOS WATER DIS- SOLVED (UG/L) (04095)	P,P' DDE DISSOLV (UG/L) (34653)	PRO- METON, WATER, DIS- SOLVED (UG/L) (04037)
MAY 25. 1400		<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.00	<0.01	<0.01	<0.01
DATE	TIME	PROP- CHLOR, WATER, DIS- SOLVED (UG/L) (04024)	SI- MAZINE, WATER, DIS- SOLVED (UG/L) (04035)	METRI- BUZIN WATER, FLTRD GF 0.7U REC (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- ETHYL ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	DIMETH- OATE WATER FLTRD GF, REC (UG/L) (82662)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD GF, REC (UG/L) (82666)
MAY 25. 1400		<0.02	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.03	<0.04
DATE	TIME	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD GF, REC (UG/L) (82674)	TER- BACIL WATER FLTRD GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD GF, REC (UG/L) (82676)
MAY 25. 1400		<0.03	<0.00	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

[illegible]

WHITE RIVER BASIN

151

7056695 WATER CREEK NEAR EVENING STAR--CONTINUED
 WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER)	DIS- CHARGE, IN CUBIC FEET PER SECOND (00060)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
MAY	17. 0930	80513	80020	41	310	8.3	746	18.0	24.0	9.4	102
DATE	TIME	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP- TOCOCCHI KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL AS CACO3 (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)
MAY	17. 0930	59	39	91	160	2	53	6.7	1.6	2	0.1
DATE	TIME	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT DIS TOT FET FIELD MG/L AS CACO3 (00418)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)
MAY	17. 0930	0.80	157	0	192	157	3.2	2.6	<0.10	6.8	174
DATE	TIME	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)
MAY	17. 0930	170	19.1	0.24	<0.010	0.110	0.110	0.020	<0.20	<0.20	<0.010
DATE	TIME	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO- PHOS- PHATE DIS- SOLVED (MG/L AS P) (00671)	CARBON ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON ORGANIC SUS- PENDED TOTAL (MG/L AS C) (00689)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SEDI- MENT, DIS- SOLVED (MG/L AS MN) (80154)	SEDI- MENT, DIS- SOLVED (MG/L AS MN) (80155)	SED. SUSP. SIEVE DIAM. & FINER THAN 0.062 MM (70331)	ATRA- ZINE, WATER, DIS- SOLVED (UG/L) (39632)
MAY	17. 0930	<0.010	<0.010	1.7	0.1	<3	3	41	4.5	61	E0.00
DATE	TIME	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DI- ELDRIN, DIS- SOLVED (UG/L) (39381)	LINDANE DIS- SOLVED (UG/L) (39341)	MALA- THION, DIS- SOLVED (UG/L) (39532)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	PARA- THION, DIS- SOLVED (UG/L) (39542)	ALPHA BHC, DIS- SOLVED (UG/L) (34253)	ALA- CHLOR, WATER, DIS- SOLVED (UG/L) (46342)	BUTYL- ATE WATER, DIS- SOLVED (UG/L) (04028)	
MAY	17. 0930	<0.00	E0.00	<0.00	<0.00	E0.00	<0.00	<0.00	<0.00	<0.00	<0.00
DATE	TIME	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DIS- SOLVED (UG/L) (04041)	DEETHYL ATRA- ZINE, WATER, DIS- SOLVED (UG/L) (04040)	FONOFOS WATER DIS- SOLVED (UG/L) (04095)	P, P' DDE DISSOLV (UG/L) (34653)	PRO- METON, WATER, DIS- SOLVED (UG/L) (04037)	PROP- CHLOR, WATER, DIS- SOLVED (UG/L) (04024)	SI- MAZINE, WATER, DIS- SOLVED (UG/L) (04035)	METRI- BUZIN WATER, DIS- SOLVED (UG/L) (82630)	
MAY	17. 0930	<0.00	<0.00	E0.00	<0.00	E0.00	<0.02	<0.01	<0.00	<0.00	<0.00
DATE	TIME	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (82667)	EPTC WATER FLTRD 0.7 U GF, REC (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (82669)	
MAY	17. 0930	<0.00	E0.01	<0.00	<0.00	<0.01	<0.00	<0.01	<0.00	<0.00	<0.00
DATE	TIME	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (82678)	
MAY	17. 0930	<0.01	<0.00	<0.00	<0.00	<0.00	<0.01	<0.00	<0.02	<0.00	<0.00
DATE	TIME	PRO- PANIL WATER FLTRD 0.7 U GF, REC (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (82680)	THIO- BENCARB FLTRD 0.7 U GF, REC (82681)	DCPA WATER FLTRD 0.7 U GF, REC (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (82687)	
MAY	17. 0930	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.01	<0.00	<0.00	<0.00

WHITE RIVER BASIN

07057100 BIG CREEK NEAR BIG FLAT

LOCATION.--Lat 35°58'11", long 92°28'53", in SW¼ sec.33, T.16 N., R.14 W., Searcy County, Hydrologic Unit 11010005.

DRAINAGE AREA.--91.6 mi².

PERIOD OF RECORD.--Water years 1963, 65, 87, 88, 94, 95.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, IN CUBIC FEET PER SECOND (00060)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
MAY 17.	1345	80513	80020	38	305	8.5	754	20.5	21.0	12.1	136
SEP 12.	1015	80513	80020	7.1	298	7.9	756	21.0	24.0	7.6	86
DATE	TIME	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WHOLE UREASE (COL / 100 ML) (31633)	STREP- TOCOCCHI FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL AS CACO3 (MG/L) (00900)	HARD- NESS NONCARB FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)
MAY 17.	1345	K6	K5	78	160	0	59	2.0	2.2	3	0.1
SEP 12.	1015	--	120	47	140	5	54	2.2	2.3	3	0.1
DATE	TIME	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT DIS TOT FET FIELD MG/L AS (00418)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)
MAY 17.	1345	1.1	158	0	195	159	9.9	3.8	<0.10	7.2	154
SEP 12.	1015	0.80	139	0	170	140	5.9	4.1	<0.10	9.6	168
DATE	TIME	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00625)	NITRO- GEN, AMMONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)
MAY 17.	1345	182	16.0	0.21	<0.010	0.230	0.230	0.020	<0.20	<0.20	<0.010
SEP 12.	1015	164	3.21	0.23	<0.010	0.190	0.190	<0.010	<0.20	<0.20	0.020
DATE	TIME	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHOPHOSPHATE DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDED TOTAL (MG/L AS C) (00689)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)
MAY 17.	1345	0.020	0.020	3.7	0.1	<1	26	<0.5	<1.0	<5	<3
SEP 12.	1015	0.020	0.020	0.6	0.1	<1	28	<0.5	<1.0	<5	<3
DATE	TIME	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
MAY 17.	1345	<10	<3	<10	<4	1	<10	<10	<1	<1.0	89
SEP 12.	1015	<10	<3	<10	<4	2	<10	<10	<1	<1.0	80
DATE	TIME	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN 0.62 MM (70331)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DI- ELDRIN, DIS- SOLVED (UG/L) (39381)	LINDANE DIS- SOLVED (UG/L) (39341)	MALA- THION, DIS- SOLVED (UG/L) (39532)
MAY 17.	1345	<6	<3	2	0.21	41	<0.02	<0.01	<0.01	<0.01	<0.01
SEP 12.	1015	<6	<3	5	0.10	44	--	--	--	--	--
DATE	TIME	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	PARA- THION, DIS- SOLVED (UG/L) (39542)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,4,5-T DIS- SOLVED (UG/L) (39742)	SILVEX, DIS- SOLVED (UG/L) (39762)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)
MAY 17.	1345	<0.01	<0.02	<0.05	<0.05	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01

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WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

		CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	FONOFOS WATER DISS REC (UG/L) (04095)	P, P' DDE DISSOLV (UG/L) (34653)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	METRI- BUZIN SENSOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U (UG/L) (82661)
DATE	TIME										
MAY	17. 1345	<0.01	<0.00	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
		DIMETH- OATE WATER FLTRD 0.7 U GG, REC (UG/L) (82662)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	
DATE	TIME										
MAY	17. 1345	<0.02	<0.01	<0.01	<0.03	<0.04	<0.03	<0.00	<0.01	<0.02	
		MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	
DATE	TIME										
MAY	17. 1345	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.06	<0.01	<0.02	
		CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PARGI- TE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ACIFL- URFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	
DATE	TIME										
MAY	17. 1345	<0.05	<0.01	<0.00	<0.02	<0.01	<0.01	<0.05	<0.02	<0.05	
		ALDI- CARB SULFONE WAT FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	AMIBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL FLTRD, GF 0.7U REC (UG/L) (49311)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLORO- THALO- NIL, WAT FLT, GF 0.7U REC (UG/L) (49306)	
DATE	TIME										
MAY	17. 1345	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
		CLOPYR- ALID WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	OCRESOL 4,6- DINITRO WAT FLT GF 0.7U REC (UG/L) (49299)	DACTHAL ACID, WAT FLT GF 0.7U REC (UG/L) (49304)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR- BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	ESFEN- VAL- ERATE, WAT FLT, GF 0.7U REC (UG/L) (49298)	
DATE	TIME										
MAY	17. 1345	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
		FEN- URON WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	3HYDRXY CARBO- FURAN WAT FLT GF 0.7U REC (UG/L) (49308)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH- OMYL WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	1-NAPH THOL WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	
DATE	TIME										
MAY	17. 1345	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
		NEB- URON WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	2,4-D, DIS- SOLVED (UG/L) (39732)	
DATE	TIME										
MAY	17. 1345	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	

WHITE RIVER BASIN

07057100 BIG CREEK NEAR BIG FLAT--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	AGENCY ANA- LYZING SAMPLE (NUMBER)	DIS- CHARGE, IN CUBIC FEET SECOND (00060)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- D) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE (DEG C) (00010)	TEMPER- ATURE (DEG C) (00020)	OXYGEN, DIS- SOLVED AIR (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
MAY 18...	0930	80513	80020	140	304	8.3	740	17.5	21.5	10.7	115
DATE	TIME	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP- TOCOCCHI KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL CACO3 (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS NA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)
MAY 18...	0930	110	120	230	160	8	59	2.0	2.1	3	0.1
DATE	TIME	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINIT WAT DIS TOT FET FIELD MG/L AS (00418)	CAR- BONATE WATER DIS IT FIELD MG/L AS (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS (00453)	ALKA- LINIT WAT DIS TOT IT FIELD MG/L AS (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS STO2) (00955)	SOLIDS, RESIDUE AT 180 DEG C DIS- SOLVED (MG/L) (70300)
MAY 18...	0930	1.1	146	0	180	147	7.3	3.6	<0.10	7.3	175
DATE	TIME	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS AC-FT) (70303)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, AMMONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)
MAY 18...	0930	172	66.2	0.24	<0.010	0.280	0.280	0.020	<0.20	<0.20	0.020
DATE	TIME	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDED TOTAL (MG/L AS C) (00689)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CHROMIUM, DIS- SOLVED (UG/L AS CR) (01030)
MAY 18...	0930	0.020	0.010	2.0	0.1	7	<1	29	<1	<1.0	3
DATE	TIME	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)
MAY 18...	0930	<1	<1	<3	<1	<1	<1	3	<1	<1.0	1
DATE	TIME	SEDI- MENT, DIS- SOLVED (MG/L) (80154)	SEDI- MENT, DIS- SOLVED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. & FINER 0.062 MM (70331)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DI- ELDRIN, DIS- SOLVED (UG/L) (39381)	LINDANE DIS- SOLVED (UG/L) (39341)	MALA- THION, DIS- SOLVED (UG/L) (39532)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	PARA- THION, DIS- SOLVED (UG/L) (39542)
MAY 18...	0930	1	0.38	82	E0.00	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
DATE	TIME	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	FONOFOS WATER, DISS, REC (UG/L) (04095)	P, P' DDE DISSOLV (UG/L) (34653)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)
MAY 18...	0930	<0.01	<0.01	<0.01	<0.00	<0.01	<0.00	<0.01	E0.00	E0.00	<0.02
DATE	TIME	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF REC (UG/L) (82668)
MAY 18...	0930	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.04	<0.03	<0.00
DATE	TIME	PEB- ULATE WATER FLTRD 0.7 U GF REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF REC (UG/L) (82678)
MAY 18...	0930	<0.01	E0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.06	<0.01
DATE	TIME	PRO- PANIL WATER FLTRD 0.7 U GF REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF REC (UG/L) (82687)	
MAY 18...	0930	<0.02	<0.05	<0.01	<0.00	<0.02	<0.01	<0.01	<0.04	E0.00	

WHITE RIVER BASIN

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07058500 NORTH FORK RIVER AT TECUMSEH, MISSOURI

LOCATION.--Lat 36°35'12" long 92°17'18", in SW1/4SW1/4, Sec.3, T.22 N., R.12 W., Ozark County, Missouri, Hydrologic Unit 11010006, at bridge on U.S. Highway 160, at Tecumseh, Missouri.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
18...	1201	80513	80513	0.0	6.0	369	7.9	753	10.0	10.4
18...	1202	80513	81213	3.00	6.0	361	7.9	753	10.0	10.4
MAY										
16...	0846	80513	80513	0.0	20.0	302	8.1	752	19.5	9.1
16...	0847	80513	81213	3.00	20.0	302	8.1	752	19.5	9.1
16...	0848	80513	81213	10.0	20.0	302	8.1	753	19.0	9.0
AUG										
31...	1038	80513	80513	0.0	12.0	384	7.9	760	22.5	7.6
31...	1039	80513	81213	3.00	12.0	384	7.9	760	22.5	7.6
31...	1040	80513	81213	5.90	12.0	384	7.9	760	22.0	7.6

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
18...	1201	93	1.20	K170	--	--	--	--	--	--
18...	1202	93	--	--	<5	4.5	<2.0	170	35	19
MAY										
16...	0846	100	1.60	80	--	--	--	--	--	--
16...	0847	100	--	--	--	--	--	--	--	--
16...	0848	99	--	--	5	2.1	<2.0	--	--	--
AUG										
31...	1038	89	1.60	97	--	--	--	--	--	--
31...	1039	88	--	--	--	--	--	--	--	--
31...	1040	87	--	--	5	4.0	<2.0	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
18...	1202	1.5	2	0.0	1.3	160	4.4	3.3	160	0.20

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)
JAN										
18...	1202	<0.010	0.730	0.010	<0.20	<0.020	0.020	0.400	<0.100	<1
MAY										
16...	0847	--	--	--	--	--	--	1.00	1.00	--
16...	0848	<0.010	0.360	--	--	<0.020	0.010	--	--	<1
AUG										
31...	1039	--	--	--	--	--	--	1.00	--	--
31...	1040	0.010	0.480	--	--	0.020	0.010	--	--	1

WHITE RIVER BASIN

07058600 NORFORK LAKE NEAR UDALL, MISSOURI

LOCATION.--Lat 36°32'53" long 92°16'55", in SW¼SW¼, sec.27, T.22 N., R.12 W., Ozark County, Missouri, Hydrologic Unit 11010006, on Norfolk Lake at Lick Creek, at Udall, Missouri.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
18...	1151	80513	80513	0.0	18.0	463	8.0	753	9.5	10.5
18...	1152	80513	80020	3.00	18.0	447	8.0	753	9.5	10.4
18...	1153	80513	81213	9.00	18.0	458	8.0	753	9.5	10.5
MAY										
16...	0904	80513	80513	0.0	22.0	457	8.1	752	22.0	8.6
16...	0905	80513	81213	3.00	22.0	370	8.0	752	20.5	9.2
16...	0906	80513	81213	11.0	22.0	340	7.9	752	19.0	8.5
AUG										
31...	1020	80513	80513	0.0	18.0	283	8.6	760	30.0	9.6
31...	1021	80513	81213	3.00	18.0	282	8.6	760	30.0	9.6
31...	1022	80513	81213	8.90	18.0	437	7.8	760	28.0	7.2

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
18...	1151	93	2.70	89	--	--	--	--	--	--
18...	1152	92	--	--	--	--	--	--	--	--
18...	1153	93	--	--	<5	1.1	<2.0	240	50	28
MAY										
16...	0904	101	1.80	K11	--	--	--	--	--	--
16...	0905	103	--	--	--	--	--	--	--	--
16...	0906	93	--	--	<5	2.3	<2.0	--	--	--
AUG										
31...	1020	127	1.50	<1	--	--	--	--	--	--
31...	1021	128	--	--	--	--	--	--	--	--
31...	1022	93	--	--	5	2.3	<2.0	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
18...	1153	1.6	1	0.0	1.1	214	6.7	3.4	219	0.30

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)
JAN										
18...	1152	--	--	--	--	--	--	0.200	<0.100	--
18...	1153	<0.010	0.730	0.010	<0.20	<0.020	0.010	--	--	<1
MAY										
16...	0905	--	--	--	--	--	--	1.00	4.00	--
16...	0906	<0.010	0.390	--	--	<0.020	0.010	--	--	<1
AUG										
31...	1021	--	--	--	--	--	--	11.0	--	--
31...	1022	0.010	0.020	--	--	0.020	0.010	--	--	1

WHITE RIVER BASIN

157

07058700 NORFORK LAKE ON PIGEON CREEK NEAR MOUNTAIN HOME

LOCATION.--Lat 36°24'07" long 92°19'15", in SW1/4NE1/4, sec.13, T.20 N., R.12 W., Baxter County, Hydrologic Unit 11010003, on Norfolk Lake at Fall Creek, 4.8 mi northeast of Mountain Home.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE OF WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
18...	1426	80513	80513	0.0	64.0	310	8.0	750	8.5	10.9
18...	1427	80513	80020	3.00	64.0	307	8.0	750	8.5	10.8
18...	1429	80513	81213	32.0	64.0	307	8.0	750	8.5	10.7
MAY										
18...	0810	80513	80513	0.0	62.0	305	8.5	743	23.0	10.0
18...	0811	80513	81213	3.00	62.0	305	8.5	743	23.0	10.1
18...	0812	80513	81213	31.0	62.0	308	8.0	743	17.0	7.5
AUG										
31...	1319	80513	80513	0.0	58.0	291	8.4	759	31.5	7.4
31...	1320	80513	81213	3.00	58.0	290	8.4	759	31.0	7.5
31...	1321	80513	81213	12.0	58.0	293	8.4	759	30.5	7.2
31...	1323	80513	81213	46.0	58.0	351	7.2	759	21.5	0.8

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
18...	1426	94	1.10	32	--	--	--	--	--	--
18...	1427	93	--	--	--	--	--	--	--	--
18...	1429	93	--	--	<5	5.0	<2.0	160	33	20
MAY										
18...	0810	120	1.60	K4	--	--	--	--	--	--
18...	0811	121	--	--	--	--	--	--	--	--
18...	0812	80	--	--	<5	1.3	<2.0	--	--	--
AUG										
31...	1319	101	3.40	<1	--	--	--	--	--	--
31...	1320	101	--	--	--	--	--	--	--	--
31...	1321	96	--	--	5	0.70	<2.0	--	--	--
31...	1323	10	--	--	8	4.0	<2.0	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
18...	1429	1.5	2	0.0	1.4	156	4.6	3.0	157	0.21

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)
JAN										
18...	1427	--	--	--	--	--	--	2.20	0.100	--
18...	1429	<0.010	0.200	0.020	<0.20	0.030	0.010	--	--	<1
MAY										
18...	0811	--	--	--	--	--	--	3.00	0.200	--
18...	0812	0.010	0.150	--	--	<0.020	0.010	--	--	<1
AUG										
31...	1320	--	--	--	--	--	--	3.00	--	--
31...	1321	0.010	0.020	--	--	0.020	0.010	--	--	1
31...	1323	0.010	0.020	--	--	0.030	0.010	--	--	1

WHITE RIVER BASIN

07058995 NORFORK LAKE AT HENDERSON

LOCATION.--Lat 36°22'30" long 92°14'37", NW1/4SE1/4, sec.26, T.20 N., R.12 W., Baxter County, Hydrologic Unit 11010003, on Norfolk Lake at bridge on U.S. Highway 62, at Henderson.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
18...	1352	80513	80513	0.0	160	308	8.0	750	9.0	10.2	90
18...	1353	80513	80020	3.00	160	307	8.0	750	9.0	10.1	89
18...	1356	80513	81213	80.4	160	318	8.0	750	8.0	10.1	87
MAY											
18...	0854	80513	80513	0.0	130	301	8.5	745	21.0	9.8	113
18...	0855	80513	81213	3.00	130	301	8.5	745	21.0	9.9	113
18...	0857	80513	81213	65.0	130	296	7.9	745	12.5	5.8	56
AUG											
31...	1239	80513	80513	0.0	130	290	8.4	760	31.5	7.4	101
31...	1240	80513	81213	3.00	130	290	8.4	760	31.0	7.5	101
31...	1241	80513	81213	26.0	130	297	8.2	760	30.0	6.2	83
31...	1243	80513	81213	104	130	323	7.2	760	13.0	1.3	12

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
JAN											
18...	1352	1.40	<1	--	--	--	--	--	--	--	--
18...	1356	--	--	<5	1.5	<2.0	170	34	20	1.5	2
MAY											
18...	0854	2.40	K21	--	--	--	--	--	--	--	--
18...	0857	--	--	5	1.3	<2.0	--	--	--	--	--
AUG											
31...	1239	4.50	>170	--	--	--	--	--	--	--	--
31...	1241	--	--	5	0.40	<2.0	--	--	--	--	--
31...	1243	--	--	10	5.2	<2.0	--	--	--	--	--

DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)
JAN										
18...	1356	0.0	1.5	164	4.1	3.0	162	0.20	<0.010	0.240
MAY										
18...	0857	--	--	--	--	--	--	--	<0.010	0.370
AUG										
31...	1241	--	--	--	--	--	--	--	0.010	0.050
31...	1243	--	--	--	--	--	--	--	0.010	0.020

DATE	TIME	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)
JAN										
18...	1353	--	--	--	--	2.40	<0.100	--	--	--
18...	1356	0.010	<0.20	<0.020	0.010	--	--	<1	60	10
MAY										
18...	0855	--	--	--	--	4.00	2.00	--	--	--
18...	0857	--	--	<0.020	0.010	--	--	<1	40	4
AUG										
31...	1240	--	--	--	--	1.00	--	--	--	--
31...	1241	--	--	0.070	0.010	--	--	<1	10	7
31...	1243	--	--	0.040	0.020	--	--	<1	1200	930

WHITE RIVER BASIN

159

07059095 NORFORK LAKE ON FALL CREEK

LOCATION.--Lat 36°20'07" long 92°17'04", in SW1/4NE1/4, sec.8, T.19 N., R.12 W., Baxter County, Hydrologic Unit 11010003, at Fall Creek, 4.8 mi east of Mountain Home.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE OF HG (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
18...	0942	80513	80513	0.0	16.0	307	8.0	755	9.0	10.4	92
18...	0943	80513	80020	3.00	16.0	307	8.0	755	9.0	10.4	91
18...	0944	80513	81213	8.00	16.0	305	8.0	755	9.5	10.3	91
MAY											
18...	0726	80513	80513	0.0	26.0	306	8.4	744	22.5	9.6	114
18...	0727	80513	81213	3.00	26.0	306	8.4	744	22.5	9.6	114
18...	0728	80513	81213	13.0	26.0	307	8.3	744	19.5	9.6	106
AUG											
31...	1219	80513	80513	0.0	20.0	297	8.4	760	32.0	7.0	96
31...	1220	80513	81213	3.00	20.0	297	8.4	760	31.0	7.2	98
31...	1221	80513	81213	10.0	20.0	297	8.3	760	30.5	6.8	91

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
JAN										
18...	0942	1.70	K16	--	--	--	--	--	--	--
18...	0944	--	--	5	2.2	<2.0	160	33	20	1.5
MAY										
18...	0726	2.00	K2	--	--	--	--	--	--	--
18...	0728	--	--	5	<0.80	<2.0	--	--	--	--
AUG										
31...	1219	2.80	K1	--	--	--	--	--	--	--
31...	1221	--	--	5	1.8	<2.0	--	--	--	--

DATE	TIME	SODIUM AD- SORP- TION RATIO SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L (70301)	SOLIDS, DIS- SOLVED PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)
JAN									
18...	0944	2	0.0	1.5	154	4.2	3.0	156	<0.010
MAY									
18...	0728	--	--	--	--	--	--	--	0.010
AUG									
31...	1221	--	--	--	--	--	--	--	0.010

DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)
JAN										
18...	0943	--	--	--	--	--	--	2.70	0.100	--
18...	0944	0.200	0.020	0.20	0.22	0.030	0.010	--	--	<1
MAY										
18...	0727	--	--	--	--	--	--	17.0	2.00	--
18...	0728	0.080	--	--	--	0.020	0.010	--	--	<1
AUG										
31...	1220	--	--	--	--	--	--	1.00	--	--
31...	1221	0.020	--	--	--	0.020	0.010	--	--	1

WHITE RIVER BASIN

07059495 NORFORK LAKE NEAR HAND

LOCATION.--Lat 36°16'27" Long 92°12'30", in SW1/4NW1/4, sec.31, T.19 N., R.12 W., Baxter County, Hydrologic Unit 11010006, on Norfolk Lake below Hand Cove, at Hand.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
18...	0836	80513	80513	0.0	150	296	7.9	754	9.5	10	88
18...	0837	80513	80020	3.00	150	296	7.9	754	9.5	9.9	87
18...	0838	80513	81213	74.9	150	298	7.8	754	9.5	9.5	84
MAY											
15...	1535	80513	80513	0.0	144	300	8.7	760	22.5	10	116
15...	1536	80513	81213	3.00	144	300	8.7	760	23.0	9.9	116
15...	1538	80513	81213	72.0	144	305	8.2	760	11.0	7.3	66
AUG											
30...	1233	80513	80513	0.0	140	281	8.3	761	31.0	7.9	106
30...	1234	80513	81213	3.00	140	282	8.3	761	31.0	7.9	106
30...	1235	80513	81213	70.0	140	302	7.3	761	16.5	1.6	16

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L) AS CACO3 (00900)	CALCIUM DIS- SOLVED (MG/L) AS CA (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MG (00925)	SODIUM, DIS- SOLVED (MG/L) AS NA (00930)
JAN										
18...	0836	2.50	K2	--	--	--	--	--	--	--
18...	0838	--	--	5	1.0	<2.0	160	33	20	1.5
MAY										
15...	1535	3.30	<1	--	--	--	--	--	--	--
15...	1538	--	--	<5	<0.30	<2.0	--	--	--	--
AUG										
30...	1233	6.20	K1	--	--	--	--	--	--	--
30...	1235	--	--	5	0.50	<2.0	--	--	--	--

DATE	TIME	SODIUM AD- SORP- TION RATIO (00932)	POTAS- SIUM, DIS- SOLVED (MG/L) AS K (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L) AS SO4 (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L) AS N (00615)
JAN									
18...	0838	2	0.0	1.5	156	3.9	2.9	156	0.20
MAY									
15...	1538	--	--	--	--	--	--	--	<0.010
AUG									
30...	1235	--	--	--	--	--	--	--	0.010

DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L) AS N (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L) AS N (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L) AS N (00605)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L) AS N (00625)	PHOS- PHORUS TOTAL (MG/L) AS P (00665)	PHOS- PHORUS TOTAL (MG/L) AS P (00665)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L) AS CR (01034)
JAN										
18...	0837	--	--	--	--	--	--	1.60	<0.100	--
18...	0838	0.210	0.010	0.19	0.20	<0.020	0.010	--	--	<1
MAY										
15...	1536	--	--	--	--	--	--	17.0	1.00	--
15...	1538	0.280	--	--	--	<0.020	0.010	--	--	<1
AUG										
30...	1234	--	--	--	--	--	--	1.00	--	--
30...	1235	0.270	--	--	--	0.020	0.010	--	--	1

WHITE RIVER BASIN

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07059500 NORFORK LAKE NEAR NORFORK

LOCATION.--Lat 36°14'57", long 92°14'16", in SE1/4 sec.2, T.18 N., R.12 W., Baxter County, Hydrologic Unit 11010006, at dam on North Fork River, 4.3 mi northeast of Norfolk.

DRAINAGE AREA.--1,808 mi².

PERIOD OF RECORD.--Water years 1968-69, 1971-72, December 1973 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
OCT											
12...	0852	80513	0.0	173	316	7.9	749	21.5	7.8	90	3.00
12...	0853	80513	9.90	173	316	7.9	749	21.5	7.8	89	---
12...	0854	80513	20.1	173	316	7.9	749	21.5	7.7	89	---
12...	0855	80513	30.1	173	316	7.9	749	21.5	7.7	89	---
12...	0856	80513	39.9	173	316	7.9	749	21.5	7.7	89	---
12...	0857	80513	49.8	173	316	7.9	749	21.5	7.7	88	---
12...	0858	80513	56.1	173	320	7.5	749	20.5	1.8	21	---
12...	0859	80513	57.0	173	320	7.3	749	19.5	0.5	5	---
12...	0900	80513	60.1	173	317	7.3	749	18.5	0.4	5	---
12...	0901	80513	64.0	173	316	7.3	749	17.5	0.4	4	---
12...	0902	80513	70.0	173	312	7.3	749	16.5	0.4	4	---
12...	0903	80513	76.2	173	308	7.3	749	15.5	0.4	4	---
12...	0905	80513	79.9	173	306	7.3	749	15.0	0.4	4	---
12...	0906	80513	89.9	173	300	7.3	749	14.0	0.4	4	---
12...	0907	80513	100	173	301	7.3	749	13.0	0.4	3	---
12...	0908	80513	110	173	304	7.2	749	13.0	0.4	4	---
12...	0909	80513	120	173	308	7.3	749	12.5	0.4	4	---
12...	0910	80513	130	173	319	7.3	749	11.5	0.4	3	---
12...	0911	80513	140	173	345	7.3	749	10.5	0.4	3	---
12...	0912	80513	150	173	342	7.3	749	10.0	0.4	3	---
12...	0913	80513	160	173	341	7.3	749	9.5	0.4	3	---
12...	0914	80513	170	173	341	7.3	749	9.5	0.4	3	---
12...	0915	80513	173	173	341	7.3	749	9.5	0.4	3	---

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
OCT											
19...	0816	80513	0.0	157	299	7.5	752	20.5	7.1	79	4.20
19...	0817	80513	10.2	157	300	7.6	752	20.5	7.0	79	---
19...	0818	80513	20.1	157	300	7.7	752	20.5	7.0	78	---
19...	0819	80513	30.1	157	299	7.7	752	20.5	7.0	79	---
19...	0820	80513	40.0	157	300	7.7	752	20.5	7.0	79	---
19...	0821	80513	50.1	157	302	7.6	752	20.5	6.0	67	---
19...	0822	80513	56.0	157	307	7.1	752	19.5	0.6	5	---
19...	0823	80513	60.0	157	303	7.1	752	18.5	0.5	5	---
19...	0824	80513	69.9	157	302	7.1	752	17.5	0.5	5	---
19...	0825	80513	70.1	157	302	7.1	752	17.0	0.4	5	---
19...	0826	80513	80.0	157	295	7.2	752	16.0	0.4	4	---
19...	0827	80513	90.0	157	291	7.1	752	14.5	0.5	4	---
19...	0828	80513	100	157	287	7.1	752	14.0	0.5	5	---
19...	0829	80513	110	157	289	7.1	752	13.0	0.5	4	---
19...	0830	80513	120	157	299	7.2	752	12.0	0.5	4	---
19...	0831	80513	130	157	319	7.2	752	11.5	0.5	4	---
19...	0832	80513	140	157	327	7.2	752	10.5	0.5	4	---
19...	0833	80513	150	157	327	7.2	752	10.0	0.5	4	---
19...	0834	80513	157	157	324	7.2	752	10.0	0.5	4	---

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
NOV											
01...	1005	80513	0.0	156	309	8.0	755	18.0	7.8	84	5.80
01...	1006	80513	10.0	156	311	8.0	755	18.0	7.9	84	---
01...	1007	80513	20.4	156	310	8.0	755	18.0	7.7	83	---
01...	1008	80513	30.6	156	310	8.0	755	18.0	7.7	83	---
01...	1009	80513	40.4	156	310	8.0	755	18.0	7.7	82	---
01...	1010	80513	50.4	156	310	7.9	755	18.0	7.7	82	---
01...	1011	80513	60.4	156	309	7.9	755	18.5	7.6	82	---
01...	1012	80513	70.3	156	309	7.9	755	18.5	7.6	82	---
01...	1013	80513	75.3	156	309	7.6	755	17.0	3.8	40	---
01...	1014	80513	80.1	156	304	7.3	755	16.5	0.2	2	---
01...	1015	80513	90.0	156	301	7.3	755	15.5	0.2	2	---
01...	1016	80513	100	156	296	7.2	755	14.5	0.1	1	---
01...	1017	80513	110	156	296	7.2	755	13.5	0.1	1	---
01...	1018	80513	120	156	305	7.2	755	12.5	0.1	1	---
01...	1019	80513	130	156	332	7.2	755	11.5	0.1	1	---
01...	1020	80513	140	156	338	7.2	755	10.5	0.1	1	---
01...	1021	80513	150	156	333	7.3	755	10.0	0.1	1	---
01...	1022	80513	156	156	335	7.2	755	10.0	0.1	1	---

WHITE RIVER BASIN

07059500 NORFORK LAKE NEAR NORFORK--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAM- PLING DEPTH (FEET)	RESER- VOIR DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	BARO- METRIC PRES- SURE (MM OF HG)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (MG/L)	TRANS- PAR- ENCY (SECCHI DISK)
NOV											
14...	1409	80513	0.0	171	306	7.9	760	17.0	7.7	80	4.30
14...	1411	80513	10.1	171	305	7.9	760	17.0	7.1	73	---
14...	1412	80513	20.0	171	306	7.9	760	17.0	6.8	71	---
14...	1413	80513	29.9	171	306	7.9	760	17.0	6.7	70	---
14...	1414	80513	39.9	171	307	7.8	760	17.0	6.3	65	---
14...	1415	80513	50.0	171	308	7.7	760	17.0	5.7	60	---
14...	1416	80513	60.1	171	311	7.5	760	17.0	3.3	34	---
14...	1417	80513	70.0	171	314	7.4	760	16.5	1.7	17	---
14...	1418	80513	80.0	171	316	7.3	760	16.5	0.5	5	---
14...	1419	80513	90.2	171	317	7.3	760	16.0	0.5	5	---
14...	1420	80513	100	171	309	7.3	760	15.0	0.4	4	---
14...	1421	80513	110	171	303	7.3	760	14.0	0.4	4	---
14...	1422	80513	120	171	305	7.3	760	13.5	0.4	4	---
14...	1423	80513	130	171	307	7.3	760	13.0	0.4	4	---
14...	1424	80513	140	171	325	7.3	760	12.0	0.4	4	---
14...	1425	80513	150	171	343	7.3	760	11.0	0.4	4	---
14...	1426	80513	160	171	346	7.3	760	10.5	0.4	4	---
14...	1427	80513	170	171	348	7.4	760	10.0	0.4	4	---
14...	1428	80513	171	171	350	7.4	760	10.0	0.4	4	---

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAM- PLING DEPTH (FEET)	RESER- VOIR DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	BARO- METRIC PRES- SURE (MM OF HG)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (MG/L)	TRANS- PAR- ENCY (SECCHI DISK)
DEC											
05...	1405	80513	0.0	159	302	7.4	755	15.0	6.5	66	2.10
05...	1406	80513	10.1	159	300	7.5	755	14.5	6.1	60	---
05...	1407	80513	20.2	159	301	7.5	755	14.5	5.8	58	---
05...	1408	80513	30.2	159	300	7.6	755	14.5	5.7	57	---
05...	1409	80513	40.2	159	300	7.6	755	14.5	5.7	57	---
05...	1410	80513	49.8	159	300	7.6	755	14.5	5.7	57	---
05...	1411	80513	60.2	159	300	7.6	755	14.5	5.7	57	---
05...	1412	80513	69.9	159	300	7.6	755	14.5	5.7	56	---
05...	1413	80513	80.1	159	301	7.6	755	14.5	5.7	57	---
05...	1414	80513	90.0	159	306	7.6	755	14.5	4.7	47	---
05...	1415	80513	100	159	308	7.5	755	14.0	4.8	47	---
05...	1416	80513	110	159	299	7.4	755	14.0	3.3	32	---
05...	1417	80513	120	159	317	7.4	755	14.0	3.5	34	---
05...	1418	80513	130	159	330	7.3	755	13.5	0.2	2	---
05...	1419	80513	140	159	336	7.4	755	12.5	0.1	1	---
05...	1420	80513	150	159	345	7.4	755	11.0	0.1	1	---
05...	1422	80513	159	159	348	7.4	755	10.5	0.1	1	---

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	AGENCY ANALYZING SAMPLE (CODE NUMBER)	SAM- PLING DEPTH (FEET)	RESER- VOIR DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)	BARO- METRIC PRES- SURE (MM OF HG)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (MG/L)	TRANS- PAR- ENCY (SECCHI DISK)
JAN												
18...	0800	80513	80513	0.0	162	301	7.8	754	9.5	9.6	85	85
18...	0801	80513	80020	3.00	162	301	7.8	754	9.5	9.6	85	85
18...	0802	80513	80513	10.1	162	301	7.8	754	9.5	9.6	85	85
18...	0803	80513	80513	20.2	162	301	7.8	754	9.5	9.5	84	84
18...	0804	80513	80513	30.3	162	302	7.8	754	9.5	9.5	84	84
18...	0805	80513	80513	40.2	162	302	7.8	754	9.5	9.5	84	84
18...	0806	80513	80513	50.1	162	303	7.8	754	9.5	9.5	82	82
18...	0807	80513	80513	60.4	162	304	7.8	754	9.5	9.5	82	82
18...	0808	80513	80513	70.3	162	302	7.8	754	9.5	9.2	81	81
18...	0809	80513	81213	80.2	162	297	7.8	754	9.0	9.0	79	79
18...	0810	80513	80513	90.6	162	295	7.8	754	9.0	9.0	79	79
18...	0811	80513	80513	100	162	303	7.8	754	9.0	9.1	80	80
18...	0812	80513	80513	110	162	301	7.8	754	9.0	9.2	80	80
18...	0813	80513	80513	121	162	303	7.8	754	9.0	9.2	80	80
18...	0814	80513	80513	130	162	308	7.8	754	9.0	9.2	80	80
18...	0815	80513	80513	140	162	308	7.8	754	8.5	9.2	80	80
18...	0816	80513	80513	150	162	309	7.8	754	8.5	9.2	80	80
18...	0817	80513	80513	160	162	310	7.8	754	8.5	9.1	79	79

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	HARD- NESS TOTAL (MG/L)	CALCIUM DIS- SOLVED (MG/L)	MAGNE- SIUM, DIS- SOLVED (MG/L)	SODIUM, DIS- SOLVED (MG/L)
JAN										
18...	0800	2.80	<1	---	---	---	---	---	---	---
18...	0809	---	---	5	2.4	<2.0	160	33	20	1.5

DATE	TIME	SODIUM RATIO (00932)	POTAS- SIUM, DIS- SOLVED (MG/L)	ALKA- LITY WAT WH TOT FET FIELD (MG/L AS CACO3)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L AS CL)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L AS CL)	NITRO- GEN, DIS- SOLVED (MG/L AS N)
JAN									
18...	0809	2	0.0	1.5	156	4.0	2.9	156	0.18

DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS TOTAL (MG/L AS P)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P)	CHLOR-A PHYTO- PLANK- TON TOTAL (UG/L AS P)	CHLOR-B PHYTO- PLANK- TON TOTAL (UG/L AS P)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR)
JAN									
18...	0801	---	---	<0.20	<0.020	---	2.00	<0.100	---
18...	0809	0.230	0.010	<0.20	<0.020	0.010	---	---	<1

WHITE RIVER BASIN

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07059500 NORFORK LAKE NEAR NORFORK--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
MAR											
23...	0857	80513	0.0	157	300	7.9	750	11.0	11.3	104	4.10
23...	0858	80513	10.0	157	300	8.0	750	11.0	10.8	99	---
23...	0859	80513	20.0	157	300	8.0	750	11.0	10.5	96	---
23...	0900	80513	30.0	157	300	8.0	750	10.5	10.5	95	---
23...	0901	80513	40.0	157	300	8.0	750	8.5	10.5	92	---
23...	0902	80513	50.0	157	301	8.0	750	8.5	10.3	89	---
23...	0903	80513	60.0	157	300	8.0	750	8.0	10.3	88	---
23...	0904	80513	70.0	157	302	8.0	750	7.5	10.1	86	---
23...	0905	80513	80.1	157	303	8.0	750	7.5	10.1	86	---
23...	0906	80513	90.0	157	303	8.0	750	7.5	10.0	84	---
23...	0907	80513	100	157	304	8.0	750	7.5	10.0	84	---
23...	0908	80513	110	157	303	8.0	750	7.0	10.0	84	---
23...	0909	80513	120	157	305	7.9	750	7.0	9.9	83	---
23...	0910	80513	130	157	306	8.0	750	7.0	9.8	82	---
23...	0911	80513	140	157	306	8.0	750	7.0	9.9	83	---
23...	0912	80513	150	157	306	7.9	750	7.0	10.5	88	---
23...	0913	80513	157	157	308	7.9	750	7.0	10.3	87	---

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
MAY											
15...	1456	80513	80513	0.0	165	301	8.4	760	23.0	9.5	111
15...	1458	80513	81213	3.00	165	299	8.5	760	22.0	9.7	111
15...	1500	80513	80513	10.0	165	298	8.5	760	21.0	9.9	112
15...	1502	80513	80513	13.0	165	297	8.6	760	20.0	9.9	109
15...	1503	80513	80513	15.0	165	298	8.6	760	19.0	10	108
15...	1504	80513	80513	18.0	165	297	8.6	760	18.5	9.8	106
15...	1505	80513	80513	20.0	165	298	8.6	760	17.5	9.7	102
15...	1506	80513	80513	26.0	165	298	8.5	760	16.5	9.0	93
15...	1507	80513	80513	30.0	165	300	8.5	760	15.5	8.4	84
15...	1508	80513	80513	40.0	165	301	8.3	760	15.0	7.9	78
15...	1509	80513	80513	50.0	165	306	8.2	760	13.5	7.3	70
15...	1510	80513	80513	60.0	165	304	8.2	760	12.0	7.5	70
15...	1511	80513	80513	70.0	165	303	8.2	760	10.0	8.2	74
15...	1512	80513	81213	80.0	165	303	8.2	760	9.5	8.3	73
15...	1513	80513	80513	90.0	165	305	8.3	760	9.0	8.5	74
15...	1514	80513	80513	100	165	306	8.3	760	9.0	8.5	74
15...	1515	80513	80513	110	165	308	8.3	760	8.5	8.5	73
15...	1516	80513	80513	120	165	308	8.2	760	8.5	8.4	72
15...	1517	80513	80513	130	165	310	8.2	760	8.0	8.4	72
15...	1518	80513	80513	140	165	337	8.3	760	8.0	8.4	72
15...	1520	80513	80513	150	165	312	8.2	760	8.0	8.1	69
15...	1521	80513	80513	160	165	313	8.2	760	8.0	7.6	64
15...	1522	80513	80513	165	165	309	8.2	760	8.0	7.5	63

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM FECAL, 0.7 UM-MF (COLS./ 100 ML) (00665)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	NITRO- GEN NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN NO2+NO3 TOTAL (MG/L AS N) (00630)
MAY							
15.	1456	3.80	<1	--	5	<0.30	<0.010
15.	1512	--	--	--	--	--	0.280

DATE	TIME	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	CHRO- MIUM TOTAL RECOV- ERABLE (UG/L AS CR) (01034)
MAY						
15.	1458	--	--	4.00	4.00	--
15.	1512	<0.020	<0.010	--	--	<1

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
JUN											
15...	0846	80513	0.50	196	299	8.3	761	24.5	9.1	109	6.40
15...	0847	80513	10.0	196	299	8.3	761	24.0	8.9	106	---
15...	0848	80513	20.0	196	299	8.2	761	23.5	8.5	100	---
15...	0849	80513	22.0	196	301	8.2	761	22.5	8.8	102	---
15...	0850	80513	24.1	196	301	8.2	761	22.0	8.7	99	---
15...	0851	80513	26.0	196	301	8.1	761	21.0	8.5	96	---
15...	0852	80513	28.1	196	301	8.1	761	20.0	8.2	91	---
15...	0853	80513	30.0	196	301	8.0	761	19.5	7.8	86	---
15...	0854	80513	32.1	196	302	7.9	761	18.5	7.5	81	---
15...	0855	80513	36.0	196	302	7.8	761	17.5	7.0	74	---
15...	0856	80513	40.0	196	302	7.8	761	17.0	6.6	68	---
15...	0857	80513	43.1	196	303	7.7	761	16.5	6.2	64	---
15...	0858	80513	49.9	196	303	7.6	761	15.5	5.9	59	---
15...	0900	80513	58.0	196	303	7.5	761	14.5	5.6	55	---
15...	0901	80513	60.0	196	303	7.5	761	14.0	5.6	55	---
15...	0902	80513	70.1	196	306	7.3	761	13.0	5.6	53	---
15...	0903	80513	80.0	196	307	7.3	761	12.0	5.2	52	---
15...	0904	80513	90.1	196	309	7.5	761	10.5	5.3	56	---
15...	0905	80513	100	196	308	7.5	761	9.5	5.7	57	---
15...	0906	80513	110	196	307	7.5	761	9.0	6.6	57	---
15...	0907	80513	120	196	310	7.5	761	8.5	6.7	58	---
15...	0908	80513	130	196	311	7.5	761	8.5	6.7	57	---
15...	0909	80513	140	196	313	7.5	761	8.5	6.6	57	---
15...	0910	80513	150	196	312	7.5	761	8.5	6.6	56	---
15...	0911	80513	160	196	313	7.5	761	8.0	6.3	54	---
15...	0912	80513	170	196	312	7.5	761	8.0	5.9	50	---
15...	0913	80513	180	196	312	7.5	761	8.0	5.6	47	---
15...	0914	80513	190	196	313	7.4	761	8.0	5.0	43	---
15...	0915	80513	196	196	315	7.4	761	8.0	3.1	27	---

WHITE RIVER BASIN

07059500 NORFORK LAKE NEAR NORFORK--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
JUL											
11...	0753	80513	0.0	168	294	8.5	758	28.0	8.6	111	4.30
11...	0754	80513	10.0	169	291	8.6	758	28.0	8.9	114	---
11...	0755	80513	20.0	169	289	8.6	758	27.0	9.3	118	---
11...	0756	80513	24.0	169	292	8.6	758	25.5	9.6	118	---
11...	0757	80513	26.0	169	292	8.6	758	24.5	9.6	116	---
11...	0758	80513	28.0	169	297	8.5	758	23.0	9.5	112	---
11...	0759	80513	29.0	169	297	8.4	758	22.5	9.1	106	---
11...	0800	80513	30.0	169	298	8.4	758	22.5	8.7	101	---
11...	0801	80513	32.0	169	301	8.2	758	21.5	7.4	84	---
11...	0802	80513	34.0	169	301	8.1	758	20.0	6.6	73	---
11...	0803	80513	37.0	169	302	8.0	758	19.5	5.7	62	---
11...	0804	80513	40.0	169	298	8.0	758	19.0	5.8	62	---
11...	0805	80513	43.0	169	298	7.9	758	18.0	5.5	59	---
11...	0806	80513	47.0	169	296	7.9	758	17.5	4.8	50	---
11...	0807	80513	50.0	169	297	8.0	758	17.0	4.7	49	---
11...	0808	80513	60.0	169	296	7.9	758	15.0	4.0	39	---
11...	0809	80513	69.0	169	297	7.9	758	14.0	3.9	38	---
11...	0810	80513	70.0	169	296	7.9	758	14.0	3.9	38	---
11...	0811	80513	80.0	169	298	7.9	758	13.0	4.0	38	---
11...	0812	80513	90.0	169	302	7.9	758	11.0	4.5	42	---
11...	0813	80513	100.0	169	302	7.9	758	10.0	4.8	44	---
11...	0814	80513	110.0	169	303	7.9	758	10.0	4.8	44	---
11...	0815	80513	120.0	169	310	7.9	758	9.5	4.5	39	---
11...	0816	80513	130.0	169	309	7.9	758	9.0	4.8	42	---
11...	0817	80513	140.0	169	308	7.9	758	9.0	4.9	42	---
11...	0818	80513	150.0	169	310	7.9	758	9.0	4.8	41	---
11...	0819	80513	160.0	169	309	7.9	758	8.5	4.4	38	---
11...	0820	80513	169.0	169	309	7.9	758	8.5	3.6	31	---

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
AUG											
16...	1327	80513	0.0	156	297	8.4	760	31.0	8.1	111	3.70
16...	1329	80513	10.0	156	294	8.4	760	30.5	8.4	112	---
16...	1330	80513	20.0	156	295	8.4	760	30.0	8.4	112	---
16...	1332	80513	22.0	156	307	8.3	760	29.0	9.9	129	---
16...	1333	80513	24.0	156	304	8.4	760	28.5	10.8	140	---
16...	1334	80513	26.0	156	305	8.4	760	27.5	11.3	144	---
16...	1336	80513	28.0	156	303	8.4	760	27.0	11.3	141	---
16...	1337	80513	30.0	156	306	8.3	760	26.0	10.9	135	---
16...	1338	80513	32.0	156	308	8.3	760	25.5	10.0	121	---
16...	1339	80513	34.0	156	312	8.1	760	24.5	8.8	106	---
16...	1340	80513	36.0	156	313	8.0	760	23.5	7.6	90	---
16...	1341	80513	39.0	156	314	7.8	760	23.0	5.8	67	---
16...	1342	80513	40.0	156	314	7.7	760	22.5	5.1	59	---
16...	1343	80513	43.2	156	313	7.6	760	21.5	4.1	47	---
16...	1345	80513	46.0	156	312	7.6	760	21.0	3.5	39	---
16...	1346	80513	50.0	156	311	7.5	760	19.5	2.7	29	---
16...	1347	80513	55.0	156	310	7.5	760	18.5	2.3	25	---
16...	1348	80513	60.0	156	309	7.5	760	18.0	2.0	21	---
16...	1350	80513	66.0	156	309	7.5	760	17.0	1.8	18	---
16...	1351	80513	70.0	156	308	7.6	760	16.5	1.7	17	---
16...	1352	80513	78.0	156	308	7.6	760	15.5	1.7	17	---
16...	1353	80513	80.0	156	309	7.6	760	15.0	1.8	18	---
16...	1354	80513	90.0	156	308	7.6	760	14.0	1.6	16	---
16...	1355	80513	100.0	156	309	7.6	760	13.0	1.8	17	---
16...	1356	80513	110.0	156	312	7.6	760	12.0	1.8	17	---
16...	1359	80513	117.0	156	318	7.6	760	11.0	1.5	14	---
16...	1400	80513	120.0	156	322	7.6	760	10.5	1.0	9	---
16...	1401	80513	130.0	156	328	7.6	760	10.0	0.7	6	---
16...	1402	80513	140.0	156	332	7.5	760	10.0	0.6	5	---
16...	1403	80513	150.0	156	325	7.6	760	9.5	0.6	5	---
16...	1404	80513	156.0	156	327	7.5	760	9.5	0.4	3	---

		AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)
DATE	TIME							
AUG								
30...	1252	80513	80513	0.0	165	284	8.4	760
30...	1253	80513	81213	3.00	160	283	8.4	760
30...	1255	80513	81213	25.0	165	299	8.3	760
30...	1257	80513	81213	100	165	301	7.3	760
		TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)
DATE	TIME							
AUG								
30...	1252	31.0	7.9	107	5.50	K14	--	--
30...	1253	30.5	7.8	105	--	--	--	--
30...	1255	28.5	10.8	139	--	--	5	0.20
30...	1257	14.0	2.1	20	--	--	5	0.50
		OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	NITRO- GEN, NITRITE TOTAL (MG/L) (AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L) (AS N) (00630)	PHOS- PHORUS TOTAL (MG/L) (AS P) (00665)	PHOS- PHORUS TOTAL (MG/L) (AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO- FLUOROM (UG/L) (70953)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L) (01034)
DATE	TIME							
AUG								
30...	1253	--	--	--	--	--	1.00	--
30...	1255	<2.0	0.010	0.020	0.020	0.010	--	1
30...	1257	<2.0	0.010	0.420	0.030	0.010	--	--

WHITE RIVER BASIN

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07059500 NORFOLK LAKE NEAR NORFOLK--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
SEP											
14...	0935	80513	0.0	158	299	8.3	754	25.5	7.5	93	4.10
14...	0936	80513	10.0	158	299	8.3	754	25.5	7.4	92	--
14...	0937	80513	20.0	158	299	8.3	754	25.5	7.3	91	--
14...	0939	80513	30.0	158	298	8.3	754	25.5	7.3	90	--
14...	0943	80513	38.0	158	304	7.9	754	25.0	4.4	54	--
14...	0945	80513	40.0	158	308	7.5	754	23.5	2.1	25	--
14...	0946	80513	41.0	158	310	7.5	754	23.0	1.3	15	--
14...	0947	80513	42.0	158	312	7.4	754	23.0	0.9	11	--
14...	0948	80513	43.0	158	311	7.4	754	22.5	0.6	7	--
14...	0949	80513	44.0	158	312	7.4	754	22.5	0.5	6	--
14...	0950	80513	45.0	158	310	7.4	754	22.0	0.3	3	--
14...	0951	80513	46.0	158	308	7.4	754	22.0	0.3	4	--
14...	0952	80513	47.0	158	309	7.4	754	21.5	0.6	7	--
14...	0953	80513	48.0	158	309	7.4	754	21.5	0.4	4	--
14...	0954	80513	50.1	158	310	7.4	754	21.0	0.3	4	--
14...	0955	80513	55.0	158	306	7.4	754	20.0	0.3	3	--
14...	0956	80513	60.0	158	306	7.4	754	19.0	0.0	1	--
14...	0958	80513	70.0	158	305	7.4	754	17.5	0.0	1	--
14...	0959	80513	80.0	158	305	7.5	754	16.5	0.0	1	--
14...	1000	80513	90.0	158	301	7.5	754	15.5	0.1	1	--
14...	1001	80513	100	158	302	7.5	754	14.0	0.1	1	--
14...	1002	80513	110	158	306	7.4	754	13.0	0.0	0	--
14...	1003	80513	120	158	311	7.4	754	11.5	0.0	0	--
14...	1004	80513	130	158	327	7.4	754	11.0	0.0	0	--
14...	1005	80513	140	158	323	7.4	754	10.0	0.0	0	--
14...	1006	80513	150	158	323	7.4	754	9.5	0.0	0	--
14...	1007	80513	158	158	323	7.4	754	9.5	0.0	0	--
DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
SEP											
28...	0752	80513	0.0	177	309	8.3	760	22.0	7.6	87	3.90
28...	0753	80513	10.0	177	309	8.3	760	22.0	7.6	87	--
28...	0754	80513	20.0	177	309	8.3	760	22.0	7.6	87	--
28...	0755	80513	30.0	177	309	8.2	760	22.5	7.5	87	--
28...	0756	80513	40.0	177	309	8.2	760	22.0	7.5	87	--
28...	0757	80513	50.0	177	320	7.6	760	21.5	1.5	17	--
28...	0758	80513	52.0	177	324	7.4	760	20.5	0.2	3	--
28...	0759	80513	57.0	177	320	7.4	760	19.5	0.1	2	--
28...	0800	80513	60.0	177	319	7.4	760	19.0	0.1	1	--
28...	0801	80513	70.0	177	318	7.4	760	17.5	0.1	1	--
28...	0802	80513	80.0	177	318	7.4	760	16.5	0.1	1	--
28...	0803	80513	90.0	177	315	7.3	760	15.0	0.1	1	--
28...	0804	80513	100	177	315	7.3	760	14.0	0.1	1	--
28...	0805	80513	110	177	317	7.3	760	13.0	0.1	1	--
28...	0806	80513	120	177	326	7.3	760	11.5	0.1	1	--
28...	0807	80513	130	177	336	7.3	760	10.5	0.1	1	--
28...	0808	80513	140	177	336	7.3	760	10.0	0.1	1	--
28...	0809	80513	150	177	340	7.3	760	10.0	0.1	1	--
28...	0810	80513	160	177	337	7.3	760	9.5	0.1	1	--
28...	0811	80513	170	177	338	7.3	760	9.5	0.1	1	--
28...	0812	80513	177	177	348	7.3	760	9.0	0.1	1	--

WHITE RIVER BASIN

07060000 NORTH FORK RIVER AT NORFORK DAM, NEAR NORFORK

LOCATION.--Lat 36°14'18", long 92°14'18", in SE1/4SW1/4 sec.2, T.18 N., R.12 W., Baxter County, Hydrologic Unit 11010006, at Norfork Dam, 3.9 mi northeast of Norfork, and at mile 4.8.

DRAINAGE AREA.--1,808 mi².

PERIOD OF RECORD.--Water years 1946-71, 1974-89, November 1990 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: Water years 1967-71, May 1991 to current year.

DISSOLVED OXYGEN: May 1991 to current year.

REMARKS.--Flow completely regulated by Norfork Reservoir.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
OCT										
12...	0937	80513	80513	319	7.6	754	13.0	8.9	85	--
19...	0857	80513	80513	308	7.5	757	13.0	8.2	78	--
NOV										
01...	0757	80513	80513	316	7.3	752	12.0	9.3	87	--
14...	1348	80513	80513	326	7.6	760	14.0	8.0	78	--
DEC										
05...	1449	80513	80513	311	7.5	760	14.0	5.4	53	--
JAN										
18...	0730	80513	81213	304	7.5	758	9.0	9.8	86	K1
MAR										
23...	0934	80513	80513	303	8.0	756	7.5	11.8	100	--
MAY										
15...	1339	80513	81213	308	8.0	760	10.5	9.3	83	K7
JUN										
15...	0824	80513	80513	326	7.4	765	10.5	11.0	99	--
JUL										
11...	0843	80513	80513	335	7.9	757	11.5	10.8	100	--
AUG										
16...	1306	80513	80513	317	7.8	760	14.0	8.5	83	--
30...	1322	80513	81213	311	7.7	760	14.0	8.9	86	K7
SEP										
14...	1038	80513	80513	316	8.0	768	13.5	10.0	96	--
28...	0830	80513	80513	326	7.6	765	14.0	6.5	62	--

DATE	TIME	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
JAN									
18...	0730	<5	3.3	<2.0	160	33	20	1.5	2
MAY									
15...	1339	<5	--	2.2	160	33	20	1.5	2
AUG									
30...	1322	5	1.1	<2.0	170	36	20	1.6	2

DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)
JAN									
18...	0730	0.0	1.5	154	4.2	3.0	156	0.20	<0.010
MAY									
15...	1339	0.0	1.4	--	4.5	3.0	--	--	<0.010
AUG									
30...	1322	0.0	1.4	--	4.9	4.3	--	--	0.010

DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)
JAN									
18...	0730	0.230	0.020	0.23	0.25	0.050	0.010	80	<1
MAY									
15...	1339	0.310	0.020	0.20	0.22	<0.020	0.010	<20	<1
AUG									
30...	1322	0.380	0.040	0.17	0.21	0.040	0.010	30	<1

DATE	TIME	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
JAN									
18...	0730	<1	1	120	<1	38	0.10	<1	7
MAY									
15...	1339	<1	1	20	<1	19	<0.10	1	<4
AUG									
30...	1322	<1	<1	40	<1	91	0.20	<1	10

WHITE RIVER BASIN

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07060000 NORTH FORK RIVER AT NORFORK DAM, NEAR NORFORK--CONTINUED

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	3.5	4.3	3.9	4.4	6.6	4.3	3.9	7.8	5.2	11.9	---	---
2	3.6	4.3	3.4	4.1	6.9	4.6	4.0	8.5	4.9	11.9	---	---
3	---	3.8	3.2	4.2	6.6	4.5	4.4	7.6	6.0	11.6	---	---
4	3.5	3.7	3.1	5.1	5.8	3.4	4.0	8.2	6.2	---	---	---
5	3.5	3.9	3.4	5.4	5.6	3.7	4.1	7.5	6.0	---	---	---
6	3.4	3.9	3.7	5.9	7.9	3.6	4.8	7.8	5.9	---	---	---
7	3.3	3.8	3.6	6.2	8.2	5.9	5.2	8.0	6.3	---	---	---
8	3.3	3.8	3.6	6.8	7.5	3.7	6.3	7.1	6.5	---	---	---
9	3.5	3.7	3.6	6.3	3.8	2.3	6.6	7.3	6.9	---	---	---
10	3.4	3.7	3.5	4.9	3.5	2.8	6.1	8.1	6.9	---	---	---
11	3.4	---	---	4.9	3.2	2.4	6.5	8.1	7.1	---	---	---
12	3.6	4.4	3.5	4.6	3.2	2.5	7.7	8.5	7.1	---	---	---
13	3.7	4.1	3.5	4.0	3.4	2.6	7.2	9.1	7.7	---	---	---
14	3.8	3.9	3.5	4.2	3.2	1.6	8.4	8.8	7.8	---	---	---
15	3.7	3.5	3.2	5.0	3.2	2.3	8.4	9.4	8.0	---	---	---
16	3.7	3.4	3.3	5.7	3.2	1.6	9.2	8.9	8.1	---	---	---
17	3.7	---	---	4.8	2.0	1.7	8.7	9.1	8.1	---	---	---
18	3.8	4.7	3.6	4.7	3.2	1.7	8.1	9.9	8.1	---	---	---
19	---	4.5	3.8	4.3	3.4	2.0	9.5	---	---	---	---	---
20	---	4.4	4.1	4.2	3.3	2.7	8.9	9.2	8.0	---	---	---
21	4.0	4.4	3.2	4.3	4.1	2.6	9.1	8.9	8.0	---	---	---
22	3.6	3.7	3.0	5.3	4.1	2.8	9.9	8.2	7.9	---	---	---
23	3.3	4.2	3.4	5.6	3.4	2.1	10.5	8.4	8.0	---	---	---
24	3.7	5.2	3.9	5.3	2.1	1.6	9.7	8.2	7.8	---	---	---
25	3.9	5.2	4.5	5.4	2.0	1.4	10.6	8.3	7.9	---	---	---
26	4.0	5.1	4.3	5.5	3.6	1.7	10.1	8.4	7.9	---	---	---
27	3.9	5.6	5.0	5.7	3.8	3.0	10.6	8.6	8.1	---	---	---
28	4.1	5.6	5.2	6.2	7.7	2.9	11.2	8.7	8.1	---	---	---
29	3.9	5.3	4.4	5.9	7.7	6.2	11.5	9.1	8.1	---	---	---
30	3.9	5.8	4.0	5.3	7.7	5.2	11.3	8.3	8.0	---	---	---
31	4.4	5.8	3.8	---	---	---	11.8	---	---	---	---	---
MONTH	---	---	---	6.8	2.0	3.0	11.8	---	---	---	---	---
JUNE			JULY			AUGUST			SEPTEMBER			
1	---	---	---	7.8	5.6	6.2	9.6	4.0	4.6	4.0	3.8	3.9
2	8.0	6.5	6.9	7.3	5.7	6.0	4.1	4.0	4.0	3.9	3.8	3.9
3	7.6	6.5	6.8	7.3	5.6	6.0	4.0	3.8	3.9	3.9	3.7	3.8
4	8.5	6.5	6.8	7.3	5.7	6.0	3.9	3.8	3.9	3.8	3.6	3.7
5	8.2	6.2	6.8	9.3	5.7	6.2	3.9	3.6	3.7	3.9	3.6	3.7
6	8.3	6.4	7.0	8.1	5.7	6.1	3.8	3.6	3.7	3.8	3.6	3.7
7	8.0	6.0	6.5	7.7	5.7	6.1	4.1	3.7	3.9	3.7	3.5	3.7
8	8.6	6.0	6.8	8.2	5.7	6.4	4.0	3.8	4.0	3.7	3.5	3.6
9	7.8	6.0	6.5	7.6	5.7	6.3	4.1	3.8	3.9	3.7	3.5	3.7
10	8.1	5.9	6.8	7.7	5.7	6.0	3.9	3.7	3.8	3.7	3.5	3.6
11	7.7	5.8	6.6	---	---	---	3.9	3.7	3.8	4.8	3.6	3.8
12	7.9	5.7	6.5	7.0	5.0	5.6	3.9	3.7	3.8	4.0	3.8	3.9
13	9.4	5.7	6.9	7.2	4.9	5.5	3.8	3.6	3.7	4.0	3.7	3.8
14	8.7	5.6	6.7	6.8	4.8	5.6	4.0	3.7	3.8	3.8	3.6	3.7
15	---	---	---	6.1	4.7	5.4	4.2	3.7	4.0	3.8	3.6	3.7
16	8.0	5.6	6.3	7.0	4.6	5.3	4.2	4.0	4.1	3.8	3.6	3.7
17	7.5	5.8	6.2	6.5	4.4	5.1	5.4	3.9	4.1	3.8	3.6	3.7
18	7.8	5.8	6.4	6.7	4.3	4.8	7.4	3.9	4.3	3.9	3.6	3.8
19	7.7	5.7	6.2	---	---	---	4.0	3.9	4.0	3.9	3.6	3.8
20	7.3	5.7	6.2	---	---	---	4.0	3.8	3.9	3.9	3.7	3.8
21	7.1	5.6	6.2	---	---	---	3.9	3.8	3.8	4.1	3.6	3.9
22	7.8	5.6	6.1	---	---	---	4.2	3.7	3.9	4.3	3.9	4.1
23	7.5	5.6	6.3	---	---	---	4.2	4.0	4.1	4.2	4.0	4.1
24	7.7	5.7	6.5	---	---	---	4.3	4.1	4.2	4.2	3.9	4.0
25	7.2	5.6	6.0	---	---	---	4.3	4.0	4.2	4.1	3.9	4.0
26	7.1	5.6	6.0	---	---	---	4.1	4.0	4.1	4.4	2.7	3.5
27	7.9	5.7	6.2	---	---	---	4.2	4.0	4.1	3.6	3.3	3.5
28	---	---	---	---	---	---	4.2	4.0	4.1	3.7	3.2	3.4
29	7.5	5.6	6.1	---	---	---	4.2	4.0	4.1	4.5	3.5	3.8
30	7.3	5.5	5.9	---	---	---	---	---	---	4.5	4.2	4.3
31	---	---	---	---	---	---	4.1	3.8	3.9	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	4.8	2.7	3.8

WHITE RIVER BASIN

07060000 NORTH FORK RIVER AT NORFORK DAM, NEAR NORFORK--CONTINUED

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	13.0	12.8	12.9	13.9	13.5	13.7	13.3	13.1	13.2	10.2	9.7	10.0
2	13.0	12.8	12.9	13.8	13.1	13.4	13.2	12.9	13.1	9.9	9.6	9.8
3	12.9	11.9	12.6	13.8	13.1	13.4	13.2	13.0	13.1	9.9	9.7	9.8
4	12.8	12.7	12.8	14.1	13.6	13.8	13.1	13.0	13.0	---	---	---
5	12.8	12.7	12.8	14.1	13.4	13.8	13.0	12.9	13.0	---	---	---
6	12.9	12.7	12.8	14.1	13.7	13.8	12.9	12.7	12.9	---	---	---
7	13.1	12.6	12.8	14.0	13.7	13.9	13.1	12.7	12.9	---	---	---
8	13.4	12.0	13.1	13.7	13.5	13.7	12.9	12.7	12.8	---	---	---
9	13.5	13.0	13.3	14.0	13.5	13.7	12.8	12.8	12.8	---	---	---
10	13.1	12.6	12.9	14.3	14.0	14.2	12.8	12.6	12.7	---	---	---
11	13.0	12.7	12.9	14.2	13.8	14.0	12.6	12.3	12.4	---	---	---
12	13.0	12.0	12.9	13.8	13.5	13.6	12.3	11.8	12.1	---	---	---
13	13.1	12.9	13.0	13.8	13.5	13.6	12.1	11.7	12.0	---	---	---
14	13.2	13.0	13.1	14.0	13.7	13.8	12.1	11.8	12.0	---	---	---
15	13.1	12.9	13.0	14.2	14.0	14.1	12.0	11.8	11.9	---	---	---
16	13.2	12.8	13.0	14.2	13.9	14.1	11.8	11.7	11.8	---	---	---
17	13.4	13.1	13.3	13.9	13.5	13.7	11.7	11.4	11.6	---	---	---
18	13.4	13.1	13.2	13.9	13.6	13.7	11.6	11.2	11.5	---	---	---
19	13.5	13.3	13.4	14.0	13.8	13.9	11.4	11.2	11.3	---	---	---
20	13.5	13.3	13.4	13.9	13.4	13.8	11.3	11.1	11.2	---	---	---
21	13.3	13.1	13.2	14.0	13.7	13.8	11.1	11.0	11.1	---	---	---
22	13.3	13.1	13.2	14.1	14.0	14.1	11.1	10.9	11.0	---	---	---
23	13.4	13.2	13.3	14.1	13.8	14.0	11.0	10.9	11.0	---	---	---
24	13.5	13.3	13.4	13.8	13.5	13.7	10.9	10.6	10.8	---	---	---
25	13.9	13.4	13.6	13.7	13.6	13.7	10.7	10.5	10.6	---	---	---
26	13.7	13.4	13.6	13.7	13.1	13.6	10.5	10.4	10.5	---	---	---
27	13.4	13.2	13.3	13.7	13.3	13.5	10.4	10.1	10.3	---	---	---
28	13.4	13.3	13.4	13.8	13.0	13.7	10.3	9.8	10.2	---	---	---
29	13.7	13.4	13.5	13.7	12.7	13.4	10.3	9.9	10.1	---	---	---
30	13.8	13.7	13.7	13.5	12.1	13.3	10.2	10.0	10.1	---	---	---
31	13.9	13.3	13.7	---	---	---	10.1	9.8	10.0	---	---	---
MONTH	13.9	11.9	13.2	14.3	12.1	13.7	13.3	9.8	11.7	---	---	---
JUNE			JULY			AUGUST			SEPTEMBER			
1	---	---	---	9.9	8.9	9.4	11.7	11.4	11.5	13.4	13.0	13.2
2	9.1	8.4	8.9	9.9	8.8	9.4	11.8	11.5	11.6	13.1	13.0	13.1
3	9.2	8.3	8.9	10.0	8.9	9.5	11.6	11.5	11.6	13.3	13.0	13.1
4	9.1	8.4	8.9	10.2	9.0	9.6	11.7	11.4	11.6	13.6	13.1	13.4
5	9.2	8.6	9.0	10.4	9.1	9.7	11.9	11.6	11.8	14.0	13.3	13.6
6	9.2	8.6	9.0	10.4	9.0	9.8	12.0	11.5	11.8	13.6	13.3	13.5
7	9.3	8.7	9.0	10.2	8.9	9.8	12.1	11.8	12.0	13.6	13.2	13.4
8	9.7	8.7	9.1	10.1	8.9	9.6	12.3	12.0	12.1	13.8	13.4	13.5
9	9.5	8.7	9.1	10.1	8.9	9.6	12.2	12.0	12.1	13.6	13.3	13.4
10	9.4	8.8	9.0	10.3	9.0	9.8	12.2	11.9	12.0	13.7	13.5	13.5
11	9.2	8.7	8.9	10.3	9.1	9.8	12.2	11.8	12.0	13.8	13.6	13.7
12	9.8	8.6	9.0	10.4	9.2	10.0	12.3	12.0	12.2	13.9	13.7	13.8
13	10.1	8.6	9.1	10.5	9.2	10.0	12.4	12.2	12.3	14.0	13.8	13.9
14	9.7	8.5	9.1	10.6	10.2	10.4	12.4	12.2	12.3	13.9	13.7	13.8
15	---	---	---	10.5	10.1	10.3	12.6	12.3	12.4	13.8	13.6	13.7
16	9.6	8.6	9.1	10.6	9.5	10.3	12.5	12.3	12.4	13.8	13.6	13.7
17	9.7	8.7	9.3	10.7	9.2	10.1	12.4	12.2	12.3	13.9	13.7	13.8
18	9.6	8.6	9.1	10.8	9.3	10.2	12.6	12.1	12.4	13.9	13.7	13.9
19	9.5	8.7	9.1	10.9	9.9	10.7	12.8	12.4	12.6	13.9	13.7	13.8
20	9.6	8.6	9.1	11.0	10.6	10.8	12.9	12.5	12.7	14.4	13.9	14.1
21	9.4	8.6	9.1	11.0	9.7	10.7	12.8	12.4	12.6	14.3	13.7	14.1
22	9.6	8.6	9.2	11.1	9.4	10.5	12.7	12.5	12.6	14.3	13.9	14.1
23	9.8	8.7	9.4	11.1	9.7	10.7	12.9	12.6	12.7	14.1	13.7	13.9
24	9.7	8.8	9.1	11.2	9.8	10.8	13.1	12.7	12.9	14.4	14.0	14.2
25	9.8	8.8	9.3	11.3	9.9	11.0	13.0	12.6	12.8	14.4	14.4	14.4
26	10.0	8.9	9.4	11.3	10.8	11.1	12.8	12.7	12.8	15.1	14.3	14.5
27	9.9	8.7	9.2	11.3	11.0	11.2	13.0	12.8	12.9	15.4	15.1	15.3
28	---	---	---	11.4	11.0	11.2	13.0	12.9	12.9	15.6	15.0	15.3
29	9.9	8.9	9.4	11.5	11.2	11.4	13.1	12.9	13.0	15.9	15.3	15.5
30	10.0	8.8	9.5	11.7	10.3	11.3	13.3	12.9	13.1	15.7	15.2	15.5
31	---	---	---	11.5	10.3	11.4	13.3	13.0	13.2	---	---	---
MONTH	---	---	---	11.7	8.8	10.3	13.3	11.4	12.4	15.9	13.0	14.0

LOCATION.--Lat 36°14'09", long 92°15'16", NW1/4NE1/4, sec.15, T.18 N., R.12 W., Baxter County, Hydrologic Unit 11010006, 2.0 mi downstream from Norfork Dam, at Salesville.

PERIOD OF RECORD.--May 1993 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: May 1993 to November 1994

DISSOLVED OXYGEN: May 1993 to November 1994.

[illegible][illegible]

WHITE RIVER BASIN

07060500 WHITE RIVER AT CALICO ROCK

LOCATION.--Lat 36°06'58", long 92°08'35", in SE1/4NE1/4 sec.22, T.17 N., R.11 W., Izard County, Hydrologic Unit 11010004, on left bank at Calico Rock, 200 ft upstream from bridge on State Highway 5, 700 ft upstream from Calico Creek, 3.2 mi downstream from Cataract Creek, 6.0 mi upstream from Piney Creek, and at mile 359.1.

DRAINAGE AREA.--9,978 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1939 to current year. Gage-height records collected at same site since 1904 are contained in reports of National Weather Service.

REVISED RECORDS.--WRD Ark. 1973: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 316.38 ft above sea level. Prior to Jan. 26, 1940, nonrecording gage at same site and Jan. 27 to Aug. 13, 1940, nonrecording gage at site 500 ft downstream, both at datum 2.07 ft higher. Aug. 14, 1940, to Dec. 5, 1966, water-stage recorder at datum 1.00 ft higher.

REMARKS.--Water-discharge records poor. Satellite telemeter at station. Flow regulated since 1943 by Norfork Lake, capacity, 1,983,000 acre-ft, since July 24, 1951, by Bull Shoals Lake, 59.5 mi upstream, capacity, 5,408,000 acre-ft, since Sept. 9, 1956, by Table Rock Lake (Missouri), capacity, 3,567,500 acre-ft, and since Dec. 26, 1963, by Beaver Lake, capacity, 1,951,500 acre-ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1904, 52.9 ft Jan. 31, 1916, present datum, from records of National Weather Service, discharge, 350,000 ft³/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8830	1910	17900	3070	18800	19900	8740	23700	13000	13400	17900	10000
2	5140	2700	12700	4580	21400	21000	3130	34300	12500	13400	17800	6580
3	5790	4180	10800	6800	18800	18400	3080	19600	12600	13200	20100	5270
4	4560	10000	9500	14500	21500	15800	7370	14500	13900	13100	19100	6100
5	6750	45000	8440	17900	18500	15800	15200	12800	14100	12500	19000	8280
6	6080	59300	15400	9990	19400	13200	11400	11100	15500	10800	19500	9050
7	3510	19500	13800	7650	19000	22700	12400	8750	12500	9120	19900	8980
8	5480	12000	14400	9050	19300	32600	11000	17400	12300	10300	20300	3260
9	2610	13100	22400	4740	16300	26200	12500	31800	15700	11400	10700	3780
10	2140	18100	37800	7140	9760	25900	8870	23100	14500	11600	12800	3050
11	6150	17600	32100	6630	4020	20700	13300	14700	10200	12700	16000	2450
12	6410	11900	22500	4500	10000	12400	17300	11600	14200	12600	18700	7900
13	5990	9370	18500	3960	12400	8670	16500	10900	13100	13400	18900	11100
14	6490	7850	18800	45700	15000	14800	12100	9450	10100	16100	19600	9780
15	7280	17000	11400	32200	14400	15600	8200	9430	8160	15900	19200	8090
16	4130	19700	16900	17000	e17000	18700	8000	8860	7580	15000	19700	8840
17	4210	15000	16800	21000	e17000	21300	7570	8200	8570	14000	19800	3810
18	7250	13800	12500	24700	e19000	18100	7630	6850	9400	15100	20100	2260
19	9230	10500	12400	18700	e20000	14800	8420	6620	11300	16000	20300	10100
20	7470	6350	19300	25600	e18000	10600	12600	7620	15200	15700	20100	9850
21	7760	6050	18700	25500	e15000	18000	18600	6000	15600	14900	19800	7790
22	7280	10600	13200	27100	e10000	18800	15200	8100	16500	14100	19600	10000
23	2740	9620	14500	27800	e16000	16400	15900	9350	16100	14600	19100	7620
24	1970	9570	14600	23600	e14000	17000	16400	9680	15200	14900	15900	6950
25	4720	9150	11300	21500	e15000	17000	17100	11600	14600	15600	16000	3520
26	3330	8330	5310	24100	e17000	6620	16900	11200	16500	16500	15600	8410
27	4800	8750	6310	20200	e17000	15800	17500	14000	13300	16400	17200	10800
28	4430	10700	8920	19000	16700	23600	16300	13100	12900	16300	16400	7190
29	4970	10400	6060	18500	---	23800	14800	13000	13900	15600	17100	8830
30	2530	14800	6520	18900	---	22800	9630	12900	13300	18000	15500	9130
31	1830	---	3970	16400	---	19400	---	14000	---	16300	13400	---
TOTAL	161860	412830	453730	528010	450280	566390	363640	414210	392310	438520	555100	218770
MEAN	5221	13760	14640	17030	16080	18270	12120	13360	13080	14150	17910	7292
MAX	9230	59300	37800	45700	21500	32600	18600	34300	16500	18000	20300	11100
MIN	1830	1910	3970	3070	4020	6620	3080	6000	7580	9120	10700	2260
AC-FT	321000	818800	900000	1047000	893100	1123000	721300	821600	778100	869800	1101000	433900

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1995, BY WATER YEAR (WY)

	MEAN	5462	7396	10080	11080	12600	14350	16430	14560	10220	9170	7488	5769
MAX	19280	26560	29990	34700	39600	62300	86320	64400	44330	29410	25390	25180	
(WY)	1942	1947	1943	1950	1949	1945	1945	1943	1945	1957	1957	1957	
MIN	584	892	1359	1680	2204	3749	1610	3525	3225	1545	1210	678	
(WY)	1955	1982	1982	1955	1964	1981	1981	1982	1952	1944	1943	1943	

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1940 - 1995

ANNUAL TOTAL	4767830	4955650	
ANNUAL MEAN	13060	13580	
HIGHEST ANNUAL MEAN			10370
LOWEST ANNUAL MEAN			22890
HIGHEST DAILY MEAN	59300	Nov 6	292000
LOWEST DAILY MEAN	1510	Aug 22	310
ANNUAL SEVEN-DAY MINIMUM	3220	Oct 28	412
INSTANTANEOUS PEAK FLOW			66300
INSTANTANEOUS PEAK STAGE			19.90
INSTANTANEOUS LOW FLOW			1690
ANNUAL RUNOFF (AC-FT)	9457000	9830000	7514000
10 PERCENT EXCEEDS	25900	20100	22000
50 PERCENT EXCEEDS	11800	13300	6920
90 PERCENT EXCEEDS	4170	5290	1980

^aAt present datum

^bobserved

^eEstimated

WHITE RIVER BASIN

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07060500 WHITE RIVER AT CALICO ROCK--CONTINUED WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: Water years 1967-1981, 1991 to current year.

DISSOLVED OXYGEN: May 1991 to December 1994.

REMARKS.--Flow regulated by upstream reservoirs.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

		AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAMPLE LOC- ATION, CROSS SECTION (FT FM L BANK) (00009)	SAM- PLING DEPTH (FEET) (00003)	DEPTH AT SAMPLE LOC- ATION, TOTAL (FEET) (81903)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
DATE	TIME										
OCT											
31.	1050	80513	81213	--	--	--	1970	304	8.3	14.5	4.5
JAN											
18.	1030	80513	81213	--	--	--	28700	272	7.0	7.5	10.2
FEB											
22.	1300	80513	81213	--	--	--	12900	278	7.7	10.0	11.7
APR											
24.	1400	80513	81213	--	--	--	21300	274	7.8	11.0	10.9
JUL											
19.	1345	80513	81213	--	--	--	18500	276	7.6	13.5	9.9
SEP											
05.	1035	80513	81213	--	--	--	14500	276	8.0	17.0	8.5
19.	1115	80513	80513	595	3.00	6.00	14300	280	7.3	16.5	7.7
19.	1116	80513	80513	545	3.00	6.00	--	279	7.3	16.0	7.5
19.	1117	80513	80513	495	3.00	6.00	--	278	7.3	16.0	7.4
19.	1118	80513	80513	445	3.50	7.00	--	278	7.3	16.0	7.4
19.	1119	80513	80513	395	3.50	7.00	--	277	7.4	16.5	7.6
19.	1120	80513	80513	345	3.50	7.00	--	276	7.4	16.5	7.5
19.	1121	80513	80513	295	3.00	6.00	--	276	7.4	16.5	7.7
19.	1122	80513	80513	245	3.00	6.00	--	276	7.4	16.5	7.7
19.	1123	80513	80513	195	3.00	6.00	--	276	7.4	17.0	7.8
19.	1124	80513	80513	145	2.50	5.00	--	277	7.5	17.5	7.6
DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
OCT											
31.	1050	43	K6	66	150	35	16	2.1	3	0.1	1.5
JAN											
18.	1030	86	45	72	140	37	12	2.4	4	0.1	1.4
FEB											
22.	1300	104	4	5	150	36	14	2.4	3	0.1	1.5
APR											
24.	1400	100	K36	K15	140	37	12	2.1	3	0.1	1.2
JUL											
19.	1345	95	37	36	140	37	11	3.2	5	0.1	1.6
SEP											
05.	1035	88	140	84	140	38	11	2.9	4	0.1	1.6
19.	1115	79	--	--	--	--	--	--	--	--	--
19.	1116	77	--	--	--	--	--	--	--	--	--
19.	1117	76	--	--	--	--	--	--	--	--	--
19.	1118	76	--	--	--	--	--	--	--	--	--
19.	1119	78	--	--	--	--	--	--	--	--	--
19.	1120	78	--	--	--	--	--	--	--	--	--
19.	1121	80	--	--	--	--	--	--	--	--	--
19.	1122	80	--	--	--	--	--	--	--	--	--
19.	1123	81	--	--	--	--	--	--	--	--	--
19.	1124	80	--	--	--	--	--	--	--	--	--
DATE	TIME	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	
OCT											
31.	1050	145	4.6	3.7	<0.10	5.6	154	156	819	0.21	
JAN											
18.	1030	150	5.6	3.9	<0.10	4.9	140	159	10800	0.19	
FEB											
22.	1300	133	5.9	4.2	<0.10	3.3	158	148	5500	0.21	
APR											
24.	1400	110	5.8	3.6	<0.10	3.9	146	133	8400	0.20	
JUL											
19.	1345	126	6.6	5.1	<0.10	4.4	162	147	8090	0.22	
SEP											
05.	1035	135	6.5	5.0	<0.10	5.0	180	153	7050	0.24	

WHITE RIVER BASIN

07060500 WHITE RIVER AT CALICO ROCK--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	BORON, DIS- SOLVED (UG/L AS B) (01020)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)
OCT 31.	1050	--	<0.010	0.180	0.180	0.010	<0.20	<0.010	<20	28
JAN 18.	1030	--	<0.010	0.290	0.290	0.030	<0.20	0.010	10	27
FEB 22.	1300	--	<0.010	0.220	0.220	0.010	<0.20	<0.010	20	28
APR 24.	1400	--	<0.010	0.200	0.200	0.020	<0.20	<0.010	20	24
JUL 19.	1345	--	<0.010	0.450	0.450	0.020	<0.20	<0.010	10	27
SEP 05.	1035	0.420	0.010	0.430	0.430	0.010	<0.20	0.010	20	26

DATE	TIME	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	CADMIUM, DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LITHIUM, DIS- SOLVED (UG/L AS LI) (01130)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)
OCT 31.	1050	<0.5	<1.0	<5	<3	<10	14	<10	<4	9
JAN 18.	1030	<0.5	<1.0	<5	<3	<10	16	<10	<4	1
FEB 22.	1300	1	<1.0	<5	<3	<10	9	<10	<4	3
APR 24.	1400	1	<1.0	<5	<3	<10	10	<10	<4	3
JUL 19.	1345	<0.5	<1.0	<5	<3	<10	<3	<10	<4	4
SEP 05.	1035	<0.5	<1.0	<5	<3	<10	<3	<10	<4	4

DATE	TIME	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT 31.	1050	<10	<10	<1.0	30	<6	<4	3	16	41
JAN 18.	1030	<10	<10	<1.0	30	<6	<4	44	3410	42
FEB 22.	1300	<10	<10	<1.0	30	<6	4	7	244	65
APR 24.	1400	<10	<10	<1.0	30	<6	<4	41	2360	94
JUL 19.	1345	<10	<10	<1.0	30	<6	6	22	1100	89
SEP 05.	1035	<10	<10	<1.0	30	<6	9	26	1020	99

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	15.7	14.6	15.0	13.3	11.4	12.5	12.6	12.0	12.3	9.8	7.4	8.9
2	16.6	14.3	15.3	14.0	12.2	13.1	12.8	11.9	12.3	8.0	6.6	7.2
3	16.2	15.0	15.8	15.5	14.0	14.9	13.1	12.2	12.6	---	---	---
4	16.0	15.3	15.7	15.8	14.9	15.4	13.4	12.9	13.1	---	---	---
5	15.8	14.7	15.0	15.9	15.4	15.7	13.5	12.8	13.1	---	---	---
6	16.2	14.3	15.2	15.4	14.5	15.0	13.4	12.8	13.1	---	---	---
7	17.4	15.7	16.5	14.5	13.8	14.1	13.3	12.6	13.1	---	---	---
8	17.1	14.4	15.8	14.5	13.5	14.0	12.6	12.0	12.2	---	---	---
9	16.3	13.3	14.7	14.8	14.5	14.7	12.1	10.6	11.3	---	---	---
10	16.2	13.5	14.7	14.7	13.6	13.9	11.0	10.3	10.7	---	---	---
11	14.6	13.3	14.1	13.7	13.3	13.4	10.9	10.3	10.7	---	---	---
12	14.5	13.9	14.2	13.9	13.1	13.6	10.9	9.9	10.5	---	---	---
13	13.9	13.6	13.7	14.4	13.7	14.0	10.8	9.7	10.2	---	---	---
14	14.3	13.6	13.9	14.7	14.3	14.4	10.8	10.2	10.5	---	---	---
15	14.3	14.0	14.2	14.3	14.1	14.2	11.4	10.6	10.9	---	---	---
16	14.6	13.9	14.3	14.1	13.4	13.7	11.6	11.0	11.3	---	---	---
17	15.2	14.2	14.6	13.4	12.8	13.0	11.3	10.7	11.1	---	---	---
18	15.1	14.6	14.8	13.6	13.0	13.2	10.9	9.8	10.4	---	---	---
19	15.8	14.2	15.0	13.2	13.0	13.1	10.5	8.8	10.0	---	---	---
20	15.7	15.1	15.5	13.1	12.5	12.9	10.8	10.5	10.6	---	---	---
21	15.4	14.3	14.7	13.0	12.1	12.6	11.1	10.8	10.9	---	---	---
22	15.4	14.1	14.7	12.6	11.9	12.3	10.9	10.6	10.8	---	---	---
23	16.4	14.1	15.2	12.4	11.0	11.8	11.0	10.5	10.8	---	---	---
24	15.5	13.7	14.6	12.3	11.2	11.9	10.6	9.6	10.2	---	---	---
25	14.6	12.9	13.9	12.8	11.9	12.4	10.3	9.4	9.8	---	---	---
26	13.6	11.6	12.5	12.6	12.1	12.3	9.8	8.9	9.4	---	---	---
27	13.3	11.6	12.4	14.2	12.1	13.2	9.7	8.1	9.0	---	---	---
28	13.4	11.8	12.7	13.0	11.9	12.4	9.6	8.7	9.3	---	---	---
29	14.0	12.3	13.2	12.3	11.6	11.9	9.5	9.0	9.2	---	---	---
30	15.3	13.0	14.1	15.5	11.3	12.2	9.7	8.7	9.1	---	---	---
31	14.3	12.7	13.9	---	---	---	9.7	9.3	9.5	---	---	---
MONTH	17.4	11.6	14.5	15.9	11.0	13.4	13.5	8.1	10.9	---	---	---

WHITE RIVER BASIN

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07060500 WHITE RIVER AT CALICO ROCK--CONTINUED

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	16.6	16.0	16.3
2	---	---	---	---	---	---	---	---	---	17.1	15.9	16.5
3	---	---	---	---	---	---	---	---	---	17.2	16.0	16.8
4	---	---	---	---	---	---	---	---	---	17.1	16.2	16.7
5	---	---	---	---	---	---	---	---	---	17.3	16.3	16.7
6	---	---	---	---	---	---	---	---	---	17.3	16.7	16.9
7	---	---	---	---	---	---	---	---	---	16.9	16.3	16.6
8	---	---	---	---	---	---	15.4	14.3	14.8	16.6	16.1	16.4
9	---	---	---	---	---	---	16.1	14.9	15.4	16.5	15.8	16.2
10	---	---	---	---	---	---	16.1	15.0	15.6	17.3	15.8	16.5
11	---	---	---	---	---	---	16.1	14.8	15.5	17.8	16.4	17.1
12	---	---	---	---	---	---	16.2	14.6	15.3	18.5	16.7	17.6
13	---	---	---	---	---	---	16.3	14.7	15.3	16.7	16.0	16.3
14	---	---	---	---	---	---	16.3	14.8	15.4	17.1	16.4	16.7
15	---	---	---	---	---	---	16.4	14.9	15.5	17.4	16.5	16.9
16	---	---	---	---	---	---	16.3	15.0	15.5	16.7	16.5	16.6
17	---	---	---	---	---	---	16.2	15.0	15.5	17.8	16.4	16.9
18	---	---	---	---	---	---	16.1	15.0	15.5	18.7	17.7	18.1
19	---	---	---	---	---	---	15.9	15.0	15.4	18.8	16.7	17.8
20	---	---	---	---	---	---	16.2	15.0	15.5	16.7	16.2	16.4
21	---	---	---	---	---	---	16.2	15.3	15.7	16.4	15.9	16.2
22	---	---	---	---	---	---	16.2	15.2	15.7	15.9	15.3	15.5
23	---	---	---	---	---	---	16.3	15.1	15.6	15.9	15.3	15.6
24	---	---	---	---	---	---	16.5	15.3	15.8	16.1	15.4	15.7
25	---	---	---	---	---	---	16.6	15.5	16.0	16.0	15.5	15.8
26	---	---	---	---	---	---	16.5	15.6	16.1	15.8	15.2	15.5
27	---	---	---	---	---	---	16.5	15.5	16.0	16.7	15.8	16.1
28	---	---	---	---	---	---	16.7	15.7	16.2	17.1	16.5	16.8
29	---	---	---	---	---	---	16.8	15.8	16.2	17.2	16.8	17.0
30	---	---	---	---	---	---	16.8	15.9	16.3	17.5	17.0	17.3
31	---	---	---	---	---	---	16.8	16.0	16.4	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	18.8	15.2	16.6

WHITE RIVER BASIN

07060710 NORTH SYLAMORE CREEK NEAR FIFTY SIX
(Hydrologic benchmark station)

LOCATION.--Lat 35°59'30", long 92°12'50", in SW1/4NW1/4 sec.25, T.16 N., R.12 W., Stone County, Hydrologic Unit 11010004, on right bank 30 ft upstream from bridge on Ozark National Forest service road, 200 ft downstream from Gunner Creek, 2.7 mi north of Fifty Six, and 7.0 mi upstream from South Sylamore Creek.

DRAINAGE AREA.--58.1 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--December 1965 to current year.

REVISED RECORDS.--WRD Ark. 1973: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 434.99 ft above sea level.

REMARKS.--Water-discharge records good, except for estimated daily discharges which are poor. Satellite telemeter at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.2	4.4	32	18	18	33	14	987	13	2.8	3.4	e2.8
2	5.2	4.4	25	16	17	28	14	396	15	2.3	5.0	e2.8
3	5.2	4.6	21	15	15	26	13	198	13	4.4	6.2	e2.8
4	5.2	27	18	14	13	24	13	139	12	7.3	4.3	e2.5
5	5.1	630	16	12	12	24	12	94	11	20	4.5	e2.5
6	4.4	158	15	14	12	22	12	74	70	16	4.6	e2.3
7	4.4	70	14	23	11	e2420	12	87	58	8.5	7.8	2.1
8	4.6	35	12	25	11	e430	11	711	28	7.8	12	1.7
9	4.8	27	132	21	10	203	11	382	21	6.7	7.6	1.5
10	4.8	93	272	20	10	133	14	199	50	5.5	6.1	1.4
11	4.5	69	138	19	10	95	539	131	148	4.8	5.5	1.3
12	4.1	35	86	19	9.3	72	234	96	158	4.7	5.5	1.3
13	4.1	22	59	27	9.0	60	128	74	84	4.0	5.5	1.6
14	4.1	17	43	116	8.9	50	85	58	49	3.4	4.8	2.5
15	4.1	125	34	111	13	43	62	45	29	3.1	3.9	3.8
16	4.1	143	40	75	45	38	49	38	22	3.1	2.6	113
17	4.1	82	58	55	55	33	40	35	17	2.8	2.7	72
18	4.1	48	49	49	43	30	37	46	17	6.6	2.8	32
19	5.1	30	39	105	34	28	32	34	13	14	5.7	15
20	6.1	25	57	127	29	27	198	27	12	11	6.0	10
21	5.9	41	118	99	26	24	155	24	10	8.8	5.4	7.9
22	6.4	41	88	75	22	23	96	21	9.0	7.9	4.1	6.5
23	7.1	28	65	59	20	22	74	19	7.5	8.5	3.9	4.9
24	5.9	23	52	47	18	19	66	18	6.2	12	3.4	4.4
25	4.9	20	41	37	16	18	56	17	7.3	14	e3.4	3.8
26	4.5	18	34	31	16	18	46	15	6.4	7.9	e3.4	3.7
27	4.4	55	30	30	22	19	39	15	5.4	5.8	e3.4	3.7
28	4.4	136	26	28	38	19	32	15	4.3	3.7	e3.1	3.4
29	4.4	77	24	24	---	17	49	14	3.6	4.1	e3.1	3.1
30	4.4	47	21	20	---	15	143	12	3.3	4.1	e3.1	3.1
31	4.4	---	20	19	---	15	---	12	---	3.9	e3.1	---
TOTAL	150.0	2135.4	1679	1350	563.2	4028	2286	4033	903.0	219.5	145.9	319.4
MEAN	4.84	71.2	54.2	43.5	20.1	130	76.2	130	30.1	7.08	4.71	10.6
MAX	7.1	630	272	127	55	2420	539	987	158	20	12	113
MIN	4.1	4.4	12	12	8.9	15	11	12	3.3	2.3	2.6	1.3
AC-FT	298	4240	3330	2680	1120	7990	4530	8000	1790	435	289	634
CFSM	.08	1.23	.93	.75	.35	2.24	1.31	2.24	.52	.12	.08	.18
IN.	.10	1.37	1.08	.86	.36	2.58	1.46	2.58	.58	.14	.09	.20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 1995, BY WATER YEAR (WY)

	MEAN	197.7	47.3	76.9	44.7	63.2	94.4	108	72.8	24.1	10.6	6.50	11.4
MAX	99.3	231	501	171	295	296	493	230	102	32.8	16.6	56.7	
(WY)	1974	1974	1983	1993	1989	1975	1973	1990	1974	1992	1981	1968	
MIN	3.84	4.10	3.57	4.43	9.16	9.15	12.9	8.12	6.45	3.89	3.06	2.45	
(WY)	1967	1990	1990	1981	1972	1972	1971	1977	1966	1980	1987	1987	

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1966 - 1995

ANNUAL TOTAL	19125.9	17812.4	
ANNUAL MEAN	52.4	48.8	47.4
HIGHEST ANNUAL MEAN			102
LOWEST ANNUAL MEAN			15.8
HIGHEST DAILY MEAN	1050	2420	11500
LOWEST DAILY MEAN	3.7	1.3	1.3
ANNUAL SEVEN-DAY MINIMUM	3.7	1.6	1.6
INSTANTANEOUS PEAK FLOW		8630	a25200
INSTANTANEOUS PEAK STAGE		12.63	20.60
INSTANTANEOUS LOW FLOW		1.2	1.2
ANNUAL RUNOFF (AC-FT)	37940	35330	34370
ANNUAL RUNOFF (CFSM)	.90	.84	.82
ANNUAL RUNOFF (INCHES)	12.25	11.40	11.10
10 PERCENT EXCEEDS	123	96	89
50 PERCENT EXCEEDS	21	17	13
90 PERCENT EXCEEDS	4.4	3.5	4.1

^aFrom rating curve extended above 3,700 ft³/s on basis of step-backwater computations

^eEstimated

WHITE RIVER BASIN

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07060710 NORTH SYLAMORE CREEK NEAR FIFTY SIX--CONTINUED WATER-QUALITY RECORDS

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	GAGE HEIGHT (FEET) (00065)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	TUR- BID- ITY (NTU) (00076)
OCT 19.	1145	80513	80020	3.7	1.22	292	7.9	755	19.0	20.0	--
NOV 16.	1215	80513	80020	141	2.39	220	8.0	759	14.0	16.0	--
DEC 07.	1130	80513	80020	13	1.40	262	8.3	760	12.5	--	0.20
JAN 09.	1130	80513	80020	20	1.50	259	8.8	762	5.5	8.5	0.20
FEB 14.	1145	80513	80020	8.6	1.31	265	8.1	760	4.0	14.0	--
MAR 07.	1100	80513	80020	3490	8.39	101	7.4	755	10.0	13.5	--
20.	1045	80513	80020	28	1.60	260	8.0	750	15.0	20.5	--
APR 10.	1130	80513	80020	11	1.36	282	8.4	750	18.5	22.5	0.10
MAY 08.	1420	80513	80020	1080	4.90	159	7.8	746	13.5	19.0	7.7
JUN 05.	1100	80513	80020	11	1.27	285	8.3	752	22.0	26.5	--
JUL 10.	1115	80513	80020	5.4	1.31	278	8.2	757	23.0	28.5	0.20
AUG 21.	1145	80513	80020	5.4	1.23	253	8.3	757	27.0	30.0	0.20

DATE	TIME	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP- TOCOCCI FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
OCT 19.	1145	8.9	97	41	27	100	150	0	48	6.2	1.5
NOV 16.	1215	9.6	94	K20	K16	76	110	9	38	4.5	1.0
DEC 07.	1130	10.8	102	K1	<1	K5	140	13	46	5.7	1.1
JAN 09.	1130	8.0	63	K2	K8	K4	130	5	43	5.5	1.1
FEB 14.	1145	12.9	98	K13	K1	K7	140	0	45	5.5	1.2
MAR 07.	1100	10.1	90	660	420	5000	48	0	17	1.4	0.60
20.	1045	8.7	88	K8	K7	K16	140	3	46	5.2	1.1
APR 10.	1130	8.8	96	K17	K15	23	150	9	50	5.7	1.3
MAY 08.	1420	7.2	71	K260	K140	1900	80	3	28	2.4	0.80
JUN 05.	1100	8.1	94	K12	K18	47	150	5	50	5.3	1.3
JUL 10.	1115	8.1	96	K16	K6	100	150	9	49	5.7	1.3
AUG 21.	1145	12.3	156	K17	K11	K19	130	0	42	5.9	1.4

DATE	TIME	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT DIS TOT FET FIELD MG/L AS CACO3 (00418)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)
OCT 19.	1145	2	0.0	0.80	145	0	177	145	3.8	2.2	<0.10
NOV 16.	1215	2	0.0	0.70	104	0	127	104	4.9	1.4	<0.10
DEC 07.	1130	2	0.0	0.70	127	0	153	126	5.5	1.6	<0.10
JAN 09.	1130	2	0.0	0.60	123	0	152	124	5.1	1.6	<0.10
FEB 14.	1145	2	0.0	0.60	135	0	165	135	5.0	1.5	<0.10
MAR 07.	1100	3	0.0	1.0	52	0	63	52	4.3	0.80	<0.10
20.	1045	2	0.0	0.80	132	0	162	133	5.6	1.4	<0.10
APR 10.	1130	2	0.0	0.80	139	0	170	139	4.3	2.1	<0.10
MAY 08.	1420	2	0.0	0.70	78	0	94	77	3.9	2.0	<0.10
JUN 05.	1100	2	0.0	0.70	141	0	173	142	4.2	1.6	<0.10
JUL 10.	1115	2	0.0	0.70	136	0	167	137	4.0	1.5	0.10
AUG 21.	1145	2	0.0	0.90	132	0	164	134	2.6	1.8	<0.10

WHITE RIVER BASIN

07060710 NORTH SYLAMORE CREEK NEAR FIFTY SIX--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)
OCT	19. 1145	7.8	158	158	1.58	0.21	--	<0.010	0.050	0.050	0.020
NOV	16. 1215	8.0	123	121	46.8	0.17	--	<0.010	0.070	0.070	<0.015
DEC	07. 1130	6.7	149	143	5.23	0.20	--	<0.010	0.060	0.060	<0.015
JAN	09. 1130	5.9	145	138	7.83	0.20	--	<0.010	0.070	0.070	<0.015
FEB	14. 1145	6.2	144	146	3.34	0.20	--	<0.010	0.070	0.070	<0.015
MAR	07. 1100	6.5	72	64	678	0.10	--	<0.010	0.250	0.250	<0.015
20. 1045		7.1	147	147	11.1	0.20	--	<0.010	0.060	0.060	0.020
APR	10. 1130	7.1	162	155	4.81	0.22	0.060	0.010	0.070	0.070	<0.015
MAY	08. 1420	7.6	95	92	277	0.13	--	<0.010	--	<0.050	0.020
JUN	05. 1100	8.1	160	156	4.75	0.22	--	<0.010	--	<0.050	0.020
JUL	10. 1115	8.9	157	154	2.29	0.21	--	<0.010	0.050	0.050	<0.015
AUG	21. 1145	9.4	146	145	2.13	0.20	--	<0.010	--	<0.050	<0.015
DATE	TIME	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	URANIUM NATURAL DIS- SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDED TOTAL (MG/L AS C) (00689)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)
OCT	19. 1145	--	<0.20	<0.20	0.010	<0.010	<0.010	<1.0	1.2	0.1	1
NOV	16. 1215	--	<0.20	<0.20	<0.010	<0.010	<0.010	--	1.9	0.1	--
DEC	07. 1130	--	<0.20	<0.20	0.010	<0.010	<0.010	<1.0	1.0	0.1	5
JAN	09. 1130	--	<0.20	<0.20	0.020	<0.010	<0.010	0.27	1.0	0.1	--
FEB	14. 1145	--	<0.20	<0.20	<0.010	<0.010	<0.010	<1.0	0.7	0.1	5
MAR	07. 1100	0.70	0.70	<0.20	0.120	<0.010	0.010	<1.0	4.1	3.4	190
20. 1045		--	<0.20	<0.20	<0.010	<0.010	<0.010	--	0.7	0.1	--
APR	10. 1130	--	<0.20	<0.20	0.020	<0.010	<0.010	0.21	1.3	0.1	5
MAY	08. 1420	0.18	0.20	<0.20	0.050	0.010	<0.010	<1.0	3.6	0.1	50
JUN	05. 1100	--	<0.20	<0.20	<0.010	<0.010	<0.010	<1.0	1.2	0.1	5
JUL	10. 1115	--	<0.20	<0.20	0.010	<0.010	<0.010	--	0.9	0.2	<10
AUG	21. 1145	--	<0.20	<0.20	<0.010	<0.010	<0.010	<1.0	0.8	0.3	6
DATE	TIME	ANTI- MONY, DIS- SOLVED (UG/L AS SB) (01095)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)
OCT	19. 1145	<1	<1	26	<1	<1.0	1	<1	<1	<3	<1
NOV	16. 1215	--	--	--	--	--	--	--	--	14	--
DEC	07. 1130	<1	<1	22	<1	<1.0	<1	<1	<1	<3	<1
JAN	09. 1130	--	--	--	--	--	--	--	--	<10	--
FEB	14. 1145	<1	<1	20	<1	<1.0	1	<1	<1	<3	<1
MAR	07. 1100	<1	<1	12	<1	<1.0	<1	1	<1	74	<1
20. 1045		--	--	--	--	--	--	--	--	<3	--
APR	10. 1130	<1	<1	24	<1	<1.0	2	<1	<1	<3	<1
MAY	08. 1420	<1	<1	15	<1	<1.0	1	<1	1	25	<1
JUN	05. 1100	<1	<1	22	<1	<1.0	2	<1	<1	3	<1
JUL	10. 1115	--	--	24	--	--	--	<3	--	<3	--
AUG	21. 1145	<1	<1	21	<1	<1.0	1	<1	<1	<3	<1

WHITE RIVER BASIN

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07060710 NORTH SYLAMORE CREEK NEAR FIFTY SIX--CONTINUED WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	ZINC, DIS- SOLVED (UG/L AS 2N) (01090)	URANIUM NATURAL 2 SIGMA DISS, (UG/L) (75990)
OCT 19.	1145	--	3	<1	2	<1	<1.0	--	--	<1	--
NOV 16.	1215	--	2	--	--	--	--	--	--	--	--
DEC 07.	1130	<4	<1	<1	<1	<1	<1.0	33	<6	<1	--
JAN 09.	1130	--	<10	--	--	--	--	--	--	--	<1.0
FEB 14.	1145	--	<1	<1	2	<1	<1.0	--	--	<1	--
MAR 07.	1100	--	7	<1	<1	<1	<1.0	--	--	1	--
20.	1045	--	3	--	--	--	--	--	--	--	--
APR 10.	1130	--	3	<1	1	<1	<1.0	--	--	2	0.0
MAY 08.	1420	<4	2	<1	2	<1	<1.0	20	<6	5	--
JUN 05.	1100	--	3	<1	3	<1	<1.0	--	--	<1	--
JUL 10.	1115	<4	3	<10	<1	<1	<1.0	38	<6	--	--
AUG 21.	1145	<4	3	<1	<1	<1	<1.0	37	<6	4	--

DATE	TIME	RA-226 2 SIGMA WATER, DISS, (PCI/L) (76001)	RADIUM 226, DIS- SOLVED, METHOD (PCI/L) (09511)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. & FINER THAN 0.062 MM (70331)	ATRA- ZINE WATER, DISS, REC (UG/L) (39632)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DIAZ- NON D10 SRG WAT FLT 0.7 U GF, REC PERCENT (91063)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	HCH ALPHA D6 SRG WAT FLT 0.7 U GF, REC PERCENT (91065)
OCT 19.	1145	--	--	23	0.23	51	--	--	--	--	--
NOV 16.	1215	--	--	3	1.1	29	--	--	--	--	--
DEC 07.	1130	--	--	7	0.25	54	--	--	--	--	--
JAN 09.	1130	0.030	0.18	16	0.86	12	--	--	--	--	--
FEB 14.	1145	--	--	6	0.14	33	--	--	--	--	--
MAR 07.	1100	--	--	198	1870	91	--	--	--	--	--
20.	1045	--	--	2	0.15	50	--	--	--	--	--
APR 10.	1130	0.020	0.06	37	1.1	46	<0.02	<0.01	93	<0.01	85
MAY 08.	1420	--	--	18	52	93	<0.00	<0.00	68	<0.00	61
JUN 05.	1100	--	--	73	2.2	87	E0.00	<0.00	140	<0.00	100
JUL 10.	1115	--	--	38	0.55	62	--	--	--	--	--
AUG 21.	1145	--	--	24	0.35	66	--	--	--	--	--

DATE	TIME	LINDANE DIS- SOLVED (UG/L) (39341)	MALA- THION, DIS- SOLVED (UG/L) (39532)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	PARA- THION, DIS- SOLVED (UG/L) (39542)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE WATER, DISS, REC (UG/L) (04041)
APR 10.	1130	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.00	<0.01
MAY 08.	1420	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00
JUN 05.	1100	<0.00	<0.00	E0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00

DATE	TIME	DEETHYL ATRA- ZINE WATER, DISS, REC (UG/L) (04040)	FONOFOS WATER DISS REC (UG/L) (04095)	P, P' DDE DISSOLV (UG/L) (34653)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
APR 10.	1130	<0.00	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
MAY 08.	1420	<0.00	<0.00	<0.01	<0.02	<0.01	<0.00	<0.00	<0.00	<0.00
JUN 05.	1100	E0.00	<0.00	<0.01	<0.02	<0.01	<0.00	<0.00	<0.00	<0.00

DATE	TIME	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)
APR 10.	1130	<0.01	<0.01	<0.03	<0.04	<0.03	<0.00	<0.01	<0.02	<0.01
MAY 08.	1420	<0.00	<0.00	<0.01	<0.00	<0.01	<0.00	<0.00	<0.01	<0.00
JUN 05.	1100	<0.00	<0.00	<0.01	<0.00	<0.01	<0.00	<0.00	<0.01	<0.00

WHITE RIVER BASIN

07060710 NORTH SYLAMORE CREEK NEAR FIFTY SIX--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	ETHO- PROP WATER FLTRD 0.7 U GF, REC (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (82675)	TERBUTH YLAZINE SURROGT WAT FLT 0.7 U GF, REC (91064)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (82679)
APR 10.	1130	<0.01	<0.01	<0.01	<0.01	86	<0.01	<0.06	<0.01	<0.02
MAY 08.	1420	<0.00	<0.00	<0.00	<0.01	58	<0.00	<0.02	<0.00	<0.00
JUN 05.	1100	<0.00	<0.00	<0.00	<0.01	110	<0.00	<0.02	<0.00	<0.00
DATE	TIME	CAR- BARYL WATER FLTRD 0.7 U GF, REC (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (82681)	DCPA WATER FLTRD 0.7 U GF, REC (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (82687)	ACETO- CHLOR, WATER, FLTRD REC (49260)
APR 10.	1130	<0.05	<0.01	<0.00	<0.02	<0.01	<0.01	<0.04	<0.02	<0.009
MAY 08.	1420	<0.00	<0.00	<0.00	<0.00	<0.00	<0.01	<0.00	<0.00	<0.002
JUN 05.	1100	<0.00	<0.00	<0.00	<0.00	<0.00	<0.01	<0.00	<0.00	<0.002

WHITE RIVER BASIN

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07061600 BLACK RIVER BELOW ANNAPOLIS, MISSOURI

LOCATION.--Lat 37°19'30" long 90°45'50", in SE1/4NW1/4, sec.31, T.31 N., R.3 E., Reynolds County, Missouri, Hydrologic Unit 11010007, at bridge on County Highway K, 4.8 mi southwest of Annapolis, Missouri.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	SAMPLING DEPTH (FEET) (00003)	RESERVOIR DEPTH (FEET) (72025)	DISCHARGE INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER FIELD (STANDARD UNITS) (00400)	BAROMETRIC PRESSURE (MM OF HG) (00025)	TEMPERATURE WATER (DEG C) (00010)
OCT 19.	1130	1028	80020	--	--	241	311	8.1	773	16.0
NOV 30.	1200	1028	80020	--	--	719	214	7.9	782	7.0
DEC 14.	1630	1028	80020	--	--	496	231	8.1	777	7.0
JAN 09.	1616	80513	80513	0.0	3.0	--	268	7.9	755	6.0
09.	1617	80513	81213	1.40	3.0	--	268	7.9	755	6.0
31.	1200	1028	80020	--	--	556	232	8.0	772	3.5
FEB 24.	1030	1028	80020	--	--	391	249	8.1	780	6.0
MAR 22.	1200	1028	80020	--	--	416	222	8.1	763	11.0
APR 13.	1100	1028	80020	--	--	432	253	8.2	777	10.5
MAY 12.	1100	1028	80020	--	--	1530	174	8.0	777	13.0
15.	1725	80513	80513	0.0	6.0	--	198	7.7	752	20.5
15.	1726	80513	81213	3.00	6.0	--	198	7.7	752	20.5
JUN 15.	1100	1028	80020	--	--	637	219	8.1	777	17.5
JUL 11.	1100	1028	80020	--	--	565	229	8.1	774	21.5
AUG 10.	1345	1028	80020	--	--	248	274	8.2	770	23.5
21.	1743	80513	80513	0.0	6.0	--	286	7.8	751	28.5
21.	1744	80513	81213	3.00	6.0	--	287	7.7	751	28.5
SEP 15.	0720	80513	80020	--	--	174	295	8.0	757	21.5

DATE	TIME	TEMPERATURE AIR (DEG C) (00020)	COLOR (PLATINUM-COBALT UNITS) (00080)	TURBIDITY (NTU) (00076)	TRANS-PAR-ENCY (SECCHI DISK) (M) (00078)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	COLI-FORM, FECAL, UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL /100 ML) (31633)	STREP-TOCOCOCCI FECAL, KF AGAR (COLS. PER. 100 ML) (31673)
OCT 19.	1130	20.0	--	--	--	9.8	98	--	29	31	22
NOV 30.	1200	12.0	--	--	--	12.1	98	--	K3	K1	K7
DEC 14.	1630	15.0	--	--	--	12.7	103	--	K2	K1	K1
JAN 09.	1616	--	--	--	0.91	12.4	101	--	K2	--	--
09.	1617	--	--	--	--	12.4	101	--	--	--	--
31.	1200	6.0	<5	<0.40	--	13.3	99	<2.0	K1	<1	K2
FEB 24.	1030	5.0	--	--	--	11.5	90	--	K1	K5	K4
MAR 22.	1200	23.0	--	--	--	9.8	89	--	K1	K9	K1
APR 13.	1100	10.0	--	--	--	10.3	91	--	K5	K4	K11
MAY 12.	1100	18.0	--	--	--	10.2	95	--	K14	K8	K19
15.	1725	--	--	--	1.80	8.6	97	--	K11	--	--
15.	1726	--	<5	<0.50	--	8.6	97	--	--	--	--
JUN 15.	1100	18.0	--	--	--	9.3	95	--	K9	62	K29
JUL 11.	1100	25.0	--	--	--	8.2	91	--	K12	K9	K7
AUG 10.	1345	28.0	--	--	--	7.9	92	--	22	41	K4
21.	1743	--	--	--	1.80	8.4	111	--	K11	--	--
21.	1744	--	5	0.80	--	8.4	111	7.3	--	--	--
SEP 15.	0720	23.0	--	--	--	9.3	106	--	K4	K10	77

DATE	TIME	HARD-NESS TOTAL (MG/L AS CaCO3) (00900)	HARD-NESS NONCARB DISSOLV FLD. AS CaCO3 (MG/L) (00904)	CALCIUM DIS-SOLVED (MG/L AS Ca) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS Mg) (00925)	SODIUM, DIS-SOLVED (MG/L AS Na) (00930)	SODIUM PERCENT (00932)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKA-LINITY WAT WH TOT FET FIELD (MG/L AS CaCO3) (00410)	ALKA-LINITY WAT DIS TOT FET FIELD (MG/L AS CaCO3) (00418)
OCT 19.	1130	160	16	31	19	3.2	4	0.1	1.2	--	140
NOV 30.	1200	110	13	21	13	2.2	4	0.1	1.2	--	96
DEC 14.	1630	120	22	24	14	2.5	4	0.1	0.80	--	98
JAN 09.	1617	140	--	28	17	2.8	4	0.1	0.80	117	--
31.	1200	120	8	23	14	2.4	4	0.1	0.80	--	105
FEB 24.	1030	120	20	25	15	2.6	4	0.1	0.90	--	104
MAR 22.	1200	110	12	22	13	2.1	4	0.1	0.90	--	100
APR 13.	1100	130	14	26	15	2.3	4	0.1	0.90	--	114
MAY 12.	1100	86	8	18	10	1.6	4	0.1	0.90	--	79
JUN 15.	1100	110	8	22	13	2.1	4	0.1	1.0	--	103
JUL 11.	1100	110	0	23	13	2.2	4	0.1	1.0	--	111
AUG 10.	1345	140	7	28	16	2.7	4	0.1	1.2	--	128
SEP 15.	0720	150	18	30	18	2.7	4	0.1	1.2	--	131

WHITE RIVER BASIN

07061600 BLACK RIVER BELOW ANNAPOLIS, MISSOURI--CONTINUED
 WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

		CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)
DATE	TIME										
OCT 19.	1130	0	170	139	22	4.4	<0.10	6.7	172	171	112
NOV 30.	1200	0	113	92	14	2.5	<0.10	6.9	114	117	221
DEC 14.	1630	0	117	96	14	3.3	<0.10	6.4	118	123	158
JAN 09.	1617	--	--	--	20	3.6	--	--	132	142	--
31.	1200	0	130	106	15	2.6	<0.10	6.1	128	129	192
FEB 24.	1030	0	127	104	15	3.3	<0.10	5.6	128	130	135
MAR 22.	1200	0	118	96	13	2.8	<0.10	5.8	121	118	136
APR 13.	1100	0	138	113	13	3.5	<0.10	5.5	148	134	173
MAY 12.	1100	0	95	78	8.9	1.5	<0.10	7.7	96	96	397
JUN 15.	1100	0	123	101	11	2.0	<0.10	7.5	120	119	206
JUL 11.	1100	0	136	111	11	2.5	<0.10	7.9	120	128	183
AUG 10.	1345	0	157	129	13	3.3	<0.10	8.4	149	150	99.8
SEP 15.	0720	0	160	131	14	3.6	<0.10	7.3	152	156	71.4
		SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, AM- MONIA + ORGANIC DIS (MG/L AS N) (00623)
DATE	TIME										
OCT 19.	1130	0.23	--	--	<0.010	0.060	0.060	--	<0.015	<0.20	<0.20
NOV 30.	1200	0.16	--	--	<0.010	0.110	0.110	--	<0.015	<0.20	<0.20
DEC 14.	1630	0.16	--	--	<0.010	0.060	0.060	--	<0.015	<0.20	<0.20
JAN 09.	1617	0.18	--	<0.010	--	0.130	--	0.010	--	<0.20	--
31.	1200	0.17	--	--	<0.010	0.170	0.170	--	<0.015	<0.20	<0.20
FEB 24.	1030	0.17	--	--	<0.010	0.100	0.100	--	<0.015	<0.20	<0.20
MAR 22.	1200	0.16	0.130	--	0.020	0.150	0.150	--	<0.015	<0.20	<0.20
APR 13.	1100	0.20	--	--	<0.010	--	<0.050	--	<0.015	<0.20	<0.20
MAY 12.	1100	0.13	--	--	<0.010	0.090	0.090	--	<0.015	<0.20	<0.20
15.	1726	--	--	<0.010	--	0.080	--	--	--	--	--
JUN 15.	1100	0.16	--	--	<0.010	0.080	0.080	--	<0.015	<0.20	<0.20
JUL 11.	1100	0.16	--	--	<0.010	0.110	0.110	--	0.030	<0.20	<0.20
AUG 10.	1345	0.20	--	--	<0.010	0.110	0.110	--	<0.015	<0.20	<0.20
21.	1744	--	--	0.010	--	0.080	--	--	--	--	--
SEP 15.	0720	0.21	--	--	<0.010	0.060	0.060	--	<0.015	<0.20	<0.20
		PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	PHOS- PHORUS ORTHO DIS- SOLVED (MG/L AS P) (00671)	URANIUM NATURAL DIS- SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDED TOTAL (MG/L AS C) (00689)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ANTI- MONY, DIS- SOLVED (UG/L AS SB) (01095)	
DATE	TIME										
OCT 19.	1130	<0.010	<0.010	--	<0.010	--	0.4	0.1	--	--	
NOV 30.	1200	<0.010	<0.010	--	<0.010	<1.0	0.8	0.1	10	<1	
DEC 14.	1630	<0.010	<0.010	--	<0.010	<1.0	0.7	0.1	4	<1	
JAN 09.	1617	0.020	--	<0.010	--	--	--	--	--	--	
31.	1200	<0.010	<0.010	--	<0.010	<1.0	0.6	0.1	6	<1	
FEB 24.	1030	<0.010	<0.010	--	<0.010	<1.0	0.5	0.1	6	<1	
MAR 22.	1200	0.020	<0.010	--	<0.010	--	0.7	0.1	--	--	
APR 13.	1100	<0.010	<0.010	--	<0.010	<1.0	0.6	0.2	8	<1	
MAY 12.	1100	<0.010	<0.010	--	<0.010	<1.0	1.1	0.1	20	<1	
15.	1726	<0.020	--	<0.010	--	--	--	--	--	--	
JUN 15.	1100	<0.010	<0.010	--	<0.010	<1.0	0.8	0.1	7	<1	
JUL 11.	1100	0.020	<0.010	--	<0.010	--	0.9	0.1	--	--	
AUG 10.	1345	0.010	<0.010	--	<0.010	<1.0	0.5	0.1	5	<1	
21.	1744	0.020	--	0.010	--	--	--	--	--	--	
SEP 15.	0720	<0.010	<0.010	--	<0.010	<1.0	0.4	0.1	6	<1	

WHITE RIVER BASIN

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07061600 BLACK RIVER BELOW ANNAPOLIS, MISSOURI--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	ARSENIC, DIS- SOLVED (UG/L AS AS) (01000)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	CADMIUM, DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)
OCT 19.	1130	--	--	--	--	--	--	--	<3	--
NOV 30.	1200	<1	30	<1	<1.0	<1	<1	<1	12	--
DEC 14.	1630	<1	31	<1	<1.0	2	<1	<1	<3	--
JAN 09.	1617	--	--	--	--	--	--	--	--	9
31.	1200	<1	28	<1	<1.0	1	<1	<1	4	--
FEB 24.	1030	<1	29	<1	<1.0	<1	<1	<1	<3	--
MAR 22.	1200	--	--	--	--	--	--	--	<3	--
APR 13.	1100	1	32	<1	<1.0	4	<1	<1	3	--
MAY 12.	1100	<1	27	<1	<1.0	1	<1	<1	15	--
15.	1726	--	--	--	--	--	--	--	--	30
JUN 15.	1100	<1	34	<1	<1.0	<1	<1	<1	10	--
JUL 11.	1100	--	--	--	--	--	--	--	4	--
AUG 10.	1345	<1	39	<1	<1.0	2	<1	<1	4	--
21.	1744	--	--	--	--	--	--	--	--	20
SEP 15.	0720	<1	39	<1	<1.0	2	<1	1	<3	--
DATE	TIME	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	CHLOR-A PHYTO- PLANK- TON CHROMO- FLUOROM (UG/L) (70953)
OCT 19.	1130	--	--	2	--	--	--	--	--	--
NOV 30.	1200	<1	--	1	<1	<1	<1	<1.0	3	--
DEC 14.	1630	<1	--	2	<1	1	<1	<1.0	1	--
JAN 09.	1617	--	2	--	--	--	--	--	--	0.100
31.	1200	<1	--	1	<1	2	<1	<1.0	6	--
FEB 24.	1030	<1	--	2	<1	<1	<1	<1.0	<1	--
MAR 22.	1200	--	--	2	--	--	--	--	--	--
APR 13.	1100	<1	--	3	<1	<1	<1	<1.0	2	--
MAY 12.	1100	<1	--	4	<1	1	<1	<1.0	5	--
15.	1726	--	6	--	--	--	--	--	--	0.400
JUN 15.	1100	<1	--	2	<1	2	<1	<1.0	2	--
JUL 11.	1100	--	--	2	--	--	--	--	--	--
AUG 10.	1345	<1	--	3	<1	2	<1	<1.0	3	--
21.	1744	--	8	--	--	--	--	--	--	3.00
SEP 15.	0720	<1	--	3	<1	<1	<1	<1.0	2	--
DATE	TIME	CHLOR-B PHYTO- PLANK- TON CHROMO- FLUOROM (UG/L) (70954)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. & FINER THAN .062 MM (70331)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DIAZ- INON D10 SRG WAT FLT 0.7 U GF, REC PERCENT (91063)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	HCH ALPHA D6 SRG WAT FLT 0.7 U GF, REC PERCENT (91065)
OCT 19.	1130	--	2	1.0	--	--	--	--	--	--
NOV 30.	1200	--	10	19	--	--	--	--	--	--
DEC 14.	1630	--	2	2.0	--	--	--	--	--	--
JAN 09.	1617	<0.100	--	--	--	--	--	--	--	--
31.	1200	--	1	1.5	--	--	--	--	--	--
FEB 24.	1030	--	1	1.1	--	--	--	--	--	--
MAR 22.	1200	--	1	0.79	--	--	--	--	--	--
APR 13.	1100	--	18	22	--	<0.02	<0.01	120	<0.01	90
MAY 12.	1100	--	2	7.4	--	<0.00	<0.00	160	<0.00	110
15.	1726	0.400	--	--	--	--	--	--	--	--
JUN 15.	1100	--	16	28	--	<0.00	<0.00	140	<0.00	100
JUL 11.	1100	--	25	38	--	--	--	--	--	--
AUG 10.	1345	--	19	13	--	--	--	--	--	--
SEP 15.	0720	--	25	12	74	--	--	--	--	--

WHITE RIVER BASIN

07061600 BLACK RIVER BELOW ANNAPOLIS, MISSOURI--CONTINUED
 WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	LINDANE DIS- SOLVED (UG/L) (39341)	MALA- THION, DIS- SOLVED (UG/L) (39532)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	PARA- THION, DIS- SOLVED (UG/L) (39542)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	BUTYL- ATE WATER, DISS, REC, (UG/L) (04028)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC, (UG/L) (04041)
APR 13.	1100	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.00	<0.01
MAY 12.	1100	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00
JUN 15.	1100	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00
DATE	TIME	DEETHYL ATRA- ZINE, WATER, DISS, REC, (UG/L) (04040)	FONOFOS WATER DISS REC (UG/L) (04095)	P, P' DDE DISSOLV (UG/L) (34653)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U (UG/L) (82661)
APR 13.	1100	<0.00	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
MAY 12.	1100	<0.00	<0.00	<0.01	<0.02	<0.01	<0.00	<0.00	<0.00	<0.00
JUN 15.	1100	<0.00	<0.00	<0.01	<0.02	<0.01	<0.00	<0.00	<0.00	<0.00
DATE	TIME	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THURON WAT FLT 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)
APR 13.	1100	<0.01	<0.01	<0.03	<0.04	<0.03	<0.00	<0.01	<0.02	<0.01
MAY 12.	1100	<0.00	<0.00	<0.01	<0.00	<0.01	<0.00	<0.00	<0.01	<0.00
JUN 15.	1100	<0.00	<0.00	<0.01	<0.00	<0.01	<0.00	<0.00	<0.01	<0.00
DATE	TIME	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TERBUTH YLAZINE SURROGT WAT FLT 0.7 U GF, REC (UG/L) (91064)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)
APR 13.	1100	<0.01	<0.01	<0.01	<0.01	96	<0.01	<0.06	<0.01	<0.02
MAY 12.	1100	<0.00	<0.00	<0.00	<0.01	130	<0.00	<0.02	<0.00	<0.00
JUN 15.	1100	<0.00	<0.00	<0.00	<0.01	110	<0.00	<0.02	<0.00	<0.00
DATE	TIME	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260)
APR 13.	1100	<0.05	<0.01	<0.00	<0.02	<0.01	<0.01	<0.04	<0.02	<0.009
MAY 12.	1100	<0.00	<0.00	<0.00	<0.00	<0.00	<0.01	<0.00	<0.00	<0.002
JUN 15.	1100	<0.00	<0.00	<0.00	<0.00	<0.00	<0.01	<0.00	<0.00	<0.002

WHITE RIVER BASIN

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07061700 CLEARWATER LAKE ABOVE FINLEY BRANCH, MISSOURI

LOCATION.--Lat 37°12'30" long 90°46'43", in NE1/4NW1/4, sec.7, T.24 N., R.3 E., Reynolds County, Missouri, Hydrologic Unit 11010007, on Clearwater Lake above Finley Branch, 5.2 mi northeast of Piedmont, Missouri.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	SAM-PLING DEPTH (FEET) (00003)	RESER-VOIR DEPTH (FEET) (72025)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)
JAN										
10.	0933	80513	80513	0.0	6.0	252	8.0	760	5.5	12.0
10.	0934	80513	80020	3.00	6.0	252	8.0	760	5.5	11.9
MAY										
16.	0821	80513	80513	0.0	20.0	179	7.6	744	22.0	7.5
16.	0822	80513	81213	3.00	20.0	179	7.6	744	22.0	7.5
16.	0823	80513	81213	10.0	20.0	176	7.5	744	20.0	7.6
AUG										
22.	0916	80513	80513	0.0	10.0	275	7.9	755	28.5	7.2
22.	0917	80513	81213	3.00	10.0	274	7.9	755	28.5	7.2
22.	0918	80513	81213	5.00	10.0	275	7.9	755	28.0	7.1

DATE	TIME	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	TRANS-PAR-ENCY (SECCHI DISK) (M) (00078)	COLI-FORM, FECAL, UM-MF (COLS./100 ML) (31625)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	TUR-BID-ITY (NTU) (00076)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	HARD-NESS TOTAL AS CACO3 (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)
JAN										
10.	0933	95	>1.80	<1	--	--	--	--	--	--
10.	0934	94	--	--	<5	<0.40	<2.0	130	26	16
MAY										
16.	0821	87	1.80	<1	--	--	--	--	--	--
16.	0822	87	--	--	--	--	--	--	--	--
16.	0823	86	--	--	<5	2.1	<2.0	--	--	--
AUG										
22.	0916	93	1.10	K4	--	--	--	--	--	--
22.	0917	93	--	--	--	--	--	--	--	--
22.	0918	92	--	--	5	6.0	5.8	--	--	--

DATE	TIME	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKA-LINITY WAT WH TOT FET FIELD (MG/L AS CACO3) (00410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED PER (TONS AC-FT) (70303)
JAN										
10.	0934	2.3	4	0.1	0.80	116	16	3.1	134	0.18

DATE	TIME	NITRO-GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L) (70954)
JAN									
10.	0934	<0.010	0.140	0.010	<0.20	<0.020	<0.010	0.100	<0.100
MAY									
16.	0822	--	--	--	--	--	--	2.00	0.900
16.	0823	<0.010	0.070	--	--	0.020	<0.010	--	--
AUG									
22.	0917	--	--	--	--	--	--	3.00	--
22.	0918	0.010	0.020	--	--	0.020	0.010	--	--

WHITE RIVER BASIN

07061960 CLEARWATER LAKE ABOVE WEBB CREEK, MISSOURI

LOCATION.--Lat 37°09'25" long 90°48'14", in SW1/4NW1/4SE1/4, sec.26, T.29 N., R.2 E., Reynolds County, Missouri, Hydrologic Unit 11010007, on Clearwater Lake (Logan Creek Arm), about 0.8 mi upstream from Webb Creek.

PERIOD OF RECORD.--January 1992 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
10.	0846	80513	80513	0.0	12.0	233	7.9	760	2.5	12.9
10.	0847	80513	80020	3.00	12.0	233	7.9	760	2.5	12.7
10.	0848	80513	81213	6.00	12.0	238	7.9	760	4.0	12.5
MAY										
16.	0918	80513	80513	0.0	30.0	191	7.9	746	22.5	7.9
16.	0919	80513	81213	3.00	30.0	191	7.9	746	22.5	7.9
16.	0920	80513	81213	15.0	30.0	194	7.7	746	18.0	8.2
AUG										
22.	0849	80513	80513	0.0	14.0	251	8.1	755	30.5	6.9
22.	0850	80513	81213	3.00	14.0	251	8.1	755	30.5	6.9
22.	0851	80513	81213	7.00	14.0	251	8.1	755	30.5	6.8

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
10.	0846	94	6.10	<1	--	--	--	--	--	--
10.	0847	93	--	--	--	--	--	--	--	--
10.	0848	95	--	--	5	3.1	<2.0	130	26	15
MAY										
16.	0918	93	1.80	K1	--	--	--	--	--	--
16.	0919	93	--	--	--	--	--	--	--	--
16.	0920	89	--	--	<5	1.8	<2.0	--	--	--
AUG										
22.	0849	94	0.88	K1	--	--	--	--	--	--
22.	0850	93	--	--	--	--	--	--	--	--
22.	0851	91	--	--	5	5.6	4.1	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
10.	0848	1.5	2	0.1	0.80	117	6.0	2.0	121	0.15

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JAN									
10.	0847	--	--	--	--	--	--	1.30	<0.100
10.	0848	<0.010	0.250	0.020	<0.20	<0.020	<0.010	--	--
MAY									
16.	0919	--	--	--	--	--	--	2.00	1.00
16.	0920	0.010	0.050	--	--	<0.020	0.010	--	--
AUG									
22.	0850	--	--	--	--	--	--	0.100	--
22.	0851	0.010	0.020	--	--	0.020	0.010	--	--

WHITE RIVER BASIN

185

07061985 CLEARWATER LAKE BELOW CARTER SPRINGS ON WEBB CREEK, MISSOURI

LOCATION.--Lat 37°08'52" long 90°48'21", in NW1/4SW1/4NE1/4, sec.35, T.29 N., R.2 E., Reynolds County, Missouri, Hydrologic Unit 11010007, on Clearwater Lake (Webb Creek Arm), below Carter Spring.

PERIOD OF RECORD.--January 1992 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE OF WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
10.	0907	80513	80513	0.0	6.0	235	8.0	760	3.5	12.8
10.	0908	80513	80020	3.00	6.0	236	8.1	760	3.5	12.7
MAY										
16.	0936	80513	80513	0.0	24.0	204	7.8	745	22.5	7.5
16.	0937	80513	81213	3.00	24.0	204	7.8	745	22.5	7.5
16.	0938	80513	81213	12.0	24.0	204	8.0	745	19.0	8.5
AUG										
22.	0835	80513	80513	0.0	10.0	251	8.1	755	30.5	6.8
22.	0836	80513	81213	3.00	10.0	251	8.1	755	30.5	6.8
22.	0837	80513	81213	5.00	10.0	251	8.1	755	30.5	6.7

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
10.	0907	97	6.10	K1	--	--	--	--	--	--
10.	0908	96	--	--	5	8.0	<2.0	120	25	15
MAY										
16.	0936	89	1.80	<1	--	--	--	--	--	--
16.	0937	89	--	--	--	--	--	--	--	--
16.	0938	94	--	--	<5	1.7	<2.0	--	--	--
AUG										
22.	0835	91	0.67	K9	--	--	--	--	--	--
22.	0836	91	--	--	--	--	--	--	--	--
22.	0837	91	--	--	5	12	3.6	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED PER AC-FT) (70303)
JAN										
10.	0908	1.4	2	0.0	0.80	115	6.0	2.1	119	0.16

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JAN									
10.	0908	<0.010	0.240	0.020	<0.20	0.020	<0.010	1.10	<0.100
MAY									
16.	0937	--	--	--	--	--	--	3.00	4.00
16.	0938	<0.010	<0.020	--	--	<0.020	0.010	--	--
AUG									
22.	0836	--	--	--	--	--	--	4.00	--
22.	0837	0.010	0.020	--	--	0.020	0.010	--	--

WHITE RIVER BASIN

07061990 CLEARWATER LAKE AT CLEARWATER DAM, MISSOURI

LOCATION.--Lat 37°08'12" long 90°46'23", in SW1/4NW1/4, sec.6, T.28 N., R.3 E., Wayne County, Missouri, Hydrologic Unit 1101000, at Clearwater Dam on Black River, 4.3 mi west of Piedmont, Missouri.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
10...	0817	80513	80513	0.0	40.0	230	8.0	760	4.0	12.3	94
10...	0818	80513	80020	3.10	40.0	230	8.0	760	4.0	12.2	93
10...	0819	80513	81213	20.0	40.0	230	8.0	760	4.0	12.1	92
DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL 5 DAY (MG/L) (00310)	HARD- NESS TOTAL AS (CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L) AS CA (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MG (00925)	SODIUM, DIS- SOLVED (MG/L) AS NA (00930)	
JAN											
10...	0817	1.90	K1	--	--	--	--	--	--	--	--
10...	0819	--	--	--	--	--	--	--	--	--	--
DATE	TIME	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L) AS K (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L) AS SO4 (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L) AS N (00615)	
JAN											
10...	0819	4	0.1	0.80	105	13	2.7	121	0.09	<0.010	
DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L) AS N (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L) AS N (00610)	GEN,AM- MONIA + ORGANIC TOTAL (MG/L) AS N (00625)	PHOS- PHORUS TOTAL (MG/L) AS P (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L) AS P (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	IRON, TOTAL RECOV- ERABLE (UG/L) AS FE (01045)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L) AS MN (01055)	
JAN											
10...	0818	--	--	--	--	--	--	--	--	--	--
10...	0819	0.150	0.020	<0.20	<0.020	<0.010	0.900	<0.100	--	60	43
DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
MAY											
16...	0744	80513	80513	0.0	55.0	173	7.8	746	21.0	9.3	107
16...	0745	80513	81213	3.00	55.0	178	7.9	746	21.0	9.5	109
16...	0746	80513	80513	9.00	55.0	177	7.9	746	19.5	9.5	105
16...	0748	80513	80513	10.0	55.0	178	7.8	746	19.0	9.4	104
16...	0749	80513	80513	16.0	55.0	168	7.6	746	18.0	8.7	94
16...	0750	80513	80513	20.0	55.0	176	7.6	746	17.5	8.7	94
16...	0751	80513	81213	26.0	55.0	169	7.4	746	16.5	7.9	82
16...	0752	80513	80513	30.0	55.0	176	7.3	746	15.5	7.8	76
16...	0753	80513	80513	35.0	55.0	184	7.3	746	14.0	7.2	58
16...	0754	80513	80513	40.0	55.0	164	7.3	746	14.0	7.2	71
16...	0758	80513	80513	50.0	55.0	160	7.3	746	13.5	6.6	65
16...	0759	80513	80513	55.0	55.0	150	7.2	746	13.0	6.1	59
DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL 5 DAY (MG/L) (00310)	NITRO- GEN, NITRITE TOTAL (MG/L) AS N (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L) AS N (00630)			
MAY											
16...	0744	1.80	K4	--	--	--	--	--	--	--	--
16...	0751	--	--	--	--	--	--	--	--	--	--
DATE	TIME	PHOS- PHORUS TOTAL (MG/L) AS P (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L) AS P (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	IRON, TOTAL RECOV- ERABLE (UG/L) AS FE (01045)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L) AS MN (01055)				
MAY											
16...	0745	--	--	2.00	2.00	--	--	70	15		
16...	0751	<0.020	0.010	--	--	--	--	--	--	--	--
DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)		
AUG											
22.	0802	80513	80513	0.0	40.0	252	8.3	755	30.5		
22.	0803	80513	81213	3.00	40.0	252	8.3	755	30.5		
22.	0804	80513	81213	8.00	40.0	252	8.3	755	30.5		
22.	0806	80513	81213	32.0	40.0	289	7.1	755	24.0		

WHITE RIVER BASIN

187

07061990 CLEARWATER LAKE AT CLEARWATER DAM, MISSOURI--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)
AUG								
22.	0802	7.2	98	3.30	>170	--	--	--
22.	0803	7.2	98	--	>170	--	--	--
22.	0804	7.2	97	--	--	5	1.0	7.4
22.	0806	0.2	2	--	--	10	23	--
DATE	TIME	NITRO- GEN NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN NO2+NO3 TOTAL (MG/L AS N) (00630)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	MANGA- NESE TOTAL RECOV- ERABLE (UG/L AS MN) (01055)
AUG								
22.	0803	--	--	--	--	5.00	--	--
22.	0804	0.010	0.020	0.020	0.010	--	20	19
22.	0806	0.010	0.020	0.020	0.010	--	510	1300

WHITE RIVER BASIN

07062010 BLACK RIVER AT CLEARWATER DAM, MISSOURI

LOCATION.--Lat 37°07'55" long 90°46'05", in SE1/4NW1/4, sec.6, T.28 N., R.3 E., Wayne County, Missouri, Hydrologic Unit 11010007, at Clearwater Dam, 4.3 mi west of Piedmont, Missouri.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
JAN 10...	0744	80513	81213	230	8.0	760	4.0	13.2	100	<1
MAY 16...	0710	80513	81213	172	7.5	753	17.0	9.5	100	K9
AUG 22...	0723	80513	81213	265	7.3	755	28.0	6.3	81	K16

DATE	TIME	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
JAN 10...	0744	5	2.2	<2.0	120	24	15	2.1	4
MAY 16...	0710	<5	3.6	<2.0	82	17	9.5	1.6	4
AUG 22...	0723	10	11	--	130	27	16	2.0	3

DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)
JAN 10...	0744	0.1	0.80	104	13	2.8	120	0.17	<0.010
MAY 16...	0710	0.1	0.80	--	9.0	1.6	--	--	<0.010
AUG 22...	0723	0.1	1.4	--	8.7	2.5	--	--	0.010

DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTH- TOTAL (MG/L AS P) (70507)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)
JAN 10...	0744	0.160	0.040	--	<0.20	0.030	<0.010	50	<1
MAY 16...	0710	0.070	0.040	0.17	0.21	<0.020	0.010	80	<1
AUG 22...	0723	0.020	0.100	0.14	0.24	0.020	0.010	250	1

DATE	TIME	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
JAN 10...	0744	<1	1	70	1	30	<0.10	<1	4
MAY 16...	0710	<1	<1	110	<1	53	<0.10	<1	<4
AUG 22...	0723	<1	1	340	2	730	0.20	<1	7

07064000 BLACK RIVER NEAR CORNING

LOCATION.--Lat 36°24'07", long 90°32'29", in SW1/4NE1/4 sec.4, T.20 N., R.5 E., Clay County, Hydrologic Unit 11010007, near left bank on downstream side of bridge on U.S. Highway 62, 2.2 mi east of Corning, 11.9 mi downstream from Cane Creek, and at mile 152.2.

DRAINAGE AREA.--1,749 mi².

PERIOD OF RECORD.--October 1938 to September 1994 (discontinued as a continuous-record station; converted to a partial-record station). Gage-height records collected January 1925 to December 1929 at site 7.0 mi downstream are contained in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 272.90 ft above sea level. Prior to Nov. 5, 1953, nonrecording gage, and Nov. 5, 1953, to Oct. 9, 1957, water-stage recorder, at site 30 ft downstream at present datum.

REMARKS.--Records good. Satellite telemeter at station. Some regulation since June 3, 1948, by Clearwater Lake (Missouri), 105 mi upstream, capacity, 413,700 acre-ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 18, 1927, reached a stage of 14.4 ft, from records of U.S. Army Corps of Engineers.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	596	531	4480	1600	2500	1490	1730	1590	2120	2690	857	433
2	594	526	3940	1490	2250	1500	1710	2460	2080	2650	772	422
3	587	524	3440	1420	2080	1560	1660	3870	2060	2640	723	411
4	556	557	3130	1350	1980	1730	1570	4480	2060	2690	702	423
5	529	1220	2930	1260	1880	1930	1460	4150	2070	2900	749	429
6	523	2850	2870	1150	1760	2100	1360	3610	2070	3130	938	444
7	554	7700	2910	1170	1630	2290	1270	3220	2090	3260	1070	470
8	609	12500	3000	1280	1500	2840	1200	2970	2170	3240	1070	487
9	630	12800	3210	1300	1410	3990	1150	2860	2330	3220	969	548
10	597	10600	3630	1220	1350	4550	1120	2880	2430	3290	828	568
11	547	8150	4310	1140	1310	4380	1080	2960	2400	3360	742	537
12	498	6200	4540	1130	1270	3910	1040	2960	2280	3250	722	505
13	489	4770	4190	1190	1210	3560	1010	2880	2220	3060	739	481
14	525	3790	3580	1280	1140	3460	1000	2810	2190	2820	751	463
15	635	3250	3090	1410	1260	3440	993	2780	2110	2560	725	453
16	622	2920	2770	1560	1920	3450	1010	2770	2030	2280	675	480
17	579	2730	2660	1640	2930	3480	1020	2710	1970	1950	637	618
18	560	2640	2700	1740	3790	3530	1020	2690	1930	1640	613	726
19	581	2530	2690	a2500	3840	3600	1020	2650	1920	1450	602	712
20	1090	2440	2520	4300	3430	3700	1030	2680	1990	1300	590	695
21	1540	2410	2310	6270	2940	3580	1030	2630	2390	1170	576	690
22	1650	2440	2320	6520	2510	3260	1030	2480	2990	1080	565	684
23	1430	2490	2750	5850	2160	2900	1030	2280	3720	1010	548	680
24	1050	2480	3240	5200	1900	2580	1040	2140	3990	991	534	674
25	780	2430	3390	4700	1720	2300	1060	2070	3760	1080	521	657
26	668	2380	3190	4330	1600	2010	1070	2060	3440	1180	526	624
27	621	2590	2820	4070	1530	1740	1070	2080	3150	1200	507	598
28	603	3000	2460	3700	1500	1760	1100	2110	2910	1160	461	585
29	589	4130	2160	3370	---	1930	1170	2150	2830	1110	459	589
30	565	4720	1940	3080	---	1870	1280	2170	2760	1060	451	603
31	543	---	1750	2780	---	1780	---	2160	---	969	435	---
TOTAL	21940	118298	94920	81000	56300	86200	35333	84310	74460	65390	21057	16689
MEAN	708	3943	3062	2613	2011	2781	1178	2720	2482	2109	679	556
MAX	1650	12800	4540	6520	3840	4550	1730	4480	3990	3360	1070	726
MIN	489	524	1750	1130	1140	1490	993	1590	1920	969	435	411
AC-FT	43520	234600	188300	160700	111700	171000	70080	167200	147700	129700	41770	33100

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1948 - 1995, BY WATER YEAR (WY)

	MEAN	764	1362	2159	2636	2668	3079	3254	2743	1565	1037	722	694
MAX	2868	5220	8417	8969	7490	7308	9125	7217	3891	3858	3266	2116	2116
(WY)	1950	1973	1983	1950	1949	1975	1973	1961	1973	1957	1957	1957	1957
MIN	269	340	356	319	459	753	783	691	431	358	278	252	252
(WY)	1957	1954	1956	1956	1963	1981	1981	1988	1988	1980	1954	1954	1954

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR	FOR 1995 WATER YEAR	WATER YEARS 1948 - 1995
ANNUAL TOTAL	1043543	755897	
ANNUAL MEAN	2859	2071	a1886
HIGHEST ANNUAL MEAN			4014
LOWEST ANNUAL MEAN			662
HIGHEST DAILY MEAN	13600	Jan 30	12800
LOWEST DAILY MEAN	471	Sep 21	411
ANNUAL SEVEN-DAY MINIMUM	490	Sep 16	428
INSTANTANEOUS PEAK FLOW			13300
INSTANTANEOUS PEAK STAGE			13.38
INSTANTANEOUS LOW FLOW			402
ANNUAL RUNOFF (AC-FT)	2070000	1499000	1367000
10 PERCENT EXCEEDS	4920	3700	4120
50 PERCENT EXCEEDS	2640	1870	1070
90 PERCENT EXCEEDS	557	557	406

aPrior to regulation, water years 1939-47, 1,741 ft³/s

bMinimum instantaneous low flow for period of record, 224 ft³/s, Sept. 22-27, 1941 (minimum gage height observed -0.52 ft Sept. 26, 1941)

cMaximum discharge for period of record, 48,600 ft³/s, June 13, 1945

dMaximum gage height for period of record, 16.92 ft, June 13, 1941

eestimated

WHITE RIVER BASIN

07069190 MAMMOTH SPRING AT MAMMOTH SPRING

LOCATION.--Lat 36°29'53", long 91°32'08", in SE1/4SW1/4 sec.5, T.21 N., R.5 W., Fulton County, Hydrologic Unit 11010010, at north bank of spring outlet pool, 0.25 mi upstream from confluence of Mammoth Spring and Warm Fork at town of Mammoth Spring.

PERIOD OF RECORD.--Occasional low-flow measurements made beginning in 1924. February 1981 to current year. Prior to October 1992 published under Station Number 07069200.

GAGE.--Water-stage recorder. Datum of gage is 500.90 ft above sea level.

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

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	268	245	426	408	435	408	454	481	456	386	326	292
2	268	245	423	408	435	406	452	503	454	383	325	290
3	266	245	420	405	434	404	448	503	449	378	322	289
4	265	270	417	403	431	404	444	503	443	375	322	289
5	263	408	413	397	429	401	443	503	439	372	322	284
6	262	527	410	395	427	401	440	503	434	371	319	283
7	262	497	408	393	424	424	436	498	431	364	318	283
8	262	485	404	393	421	460	434	510	431	364	318	283
9	260	477	407	393	420	481	431	516	428	362	319	280
10	259	477	417	393	419	485	429	516	427	361	322	280
11	259	477	420	392	416	485	436	516	432	359	319	278
12	258	476	420	390	412	485	446	516	434	357	316	277
13	257	471	420	390	412	485	447	516	431	357	315	277
14	257	464	420	405	409	485	447	516	431	355	313	274
15	254	462	420	419	408	485	447	512	430	353	312	274
16	254	460	420	424	411	485	447	511	424	350	309	274
17	254	459	420	424	414	481	447	507	423	348	308	274
18	252	456	420	425	416	481	442	507	419	346	306	274
19	252	450	420	433	416	480	439	507	413	343	308	274
20	254	444	420	435	416	477	439	506	412	342	308	274
21	254	442	420	435	416	475	439	501	408	339	308	274
22	253	443	420	435	416	472	439	498	403	339	306	271
23	253	441	420	435	416	471	439	496	400	339	305	271
24	251	439	420	435	416	468	439	492	396	339	302	271
25	251	438	420	435	414	466	439	487	393	335	302	268
26	249	435	420	435	412	464	439	483	390	335	299	268
27	248	433	416	435	412	464	439	478	387	332	299	268
28	248	437	416	435	410	461	439	475	380	329	299	266
29	248	432	412	435	---	460	439	468	385	329	296	265
30	246	429	412	435	---	456	440	464	393	325	293	265
31	245	---	412	435	---	456	---	462	---	327	292	---
TOTAL	7932	12864	12933	12910	11717	14216	13239	15454	12576	10894	9628	8290
MEAN	256	429	417	416	418	459	441	499	419	351	311	276
MAX	268	527	426	435	435	485	454	516	456	386	326	292
MIN	245	245	404	390	408	401	429	462	380	325	292	265
AC-FT	15730	25520	25650	25610	23240	28200	26260	30650	24940	21610	19100	16440

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1995, BY WATER YEAR (WY)

MEAN	278	323	384	397	419	420	444	438	400	348	306	281
MAX	399	473	523	530	540	525	565	568	501	423	358	329
(WY)	1994	1985	1985	1985	1989	1989	1991	1991	1990	1990	1990	1991
MIN	191	190	186	234	286	205	220	248	253	236	221	205
(WY)	1982	1982	1982	1982	1987	1981	1981	1981	1981	1981	1981	1981

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1981 - 1995

ANNUAL TOTAL	154565	142653	
ANNUAL MEAN	423	391	376
HIGHEST ANNUAL MEAN			453
LOWEST ANNUAL MEAN			285
HIGHEST DAILY MEAN	632	527	689
LOWEST DAILY MEAN	245	245	182
ANNUAL SEVEN-DAY MINIMUM	246	246	183
INSTANTANEOUS PEAK FLOW		549	706
INSTANTANEOUS PEAK STAGE		4.88	5.13
INSTANTANEOUS LOW FLOW		245	182
ANNUAL RUNOFF (AC-FT)	306600	283000	272200
10 PERCENT EXCEEDS	536	481	500
50 PERCENT EXCEEDS	430	416	372
90 PERCENT EXCEEDS	270	268	240

^aAlso Dec.18-21, 28-31, 1981; Jan. 1-2, 1992

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LOCATION.--Lat 36°06'15", long 91°05'50", in NW¼ sec.21, T.17 N., R.1 W., Lawrence County, Hydrologic Unit 11010009, on right bank beneath U.S. Highway 63 bridge at Black Rock, 3.7 mi downstream from Spring River, and at mile 69.3.

PERIOD OF RECORD.--June 1929 to September 1931, October 1939 to current year. Gage-height records collected since 1904 in same vicinity are contained in reports of National Weather Service.

GAGE.—Water-stage recorder. Datum of gage is 229.56 ft above sea level. Prior to Aug. 1, 1946, nonrecording gage at site 900 ft upstream at same datum. Aug. 1, 1946, to Aug. 17, 1978, nonrecording gage at site 650 ft upstream at same datum.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Aug. 21, 1915, reached a stage of 31.9 ft, from records of National Weather Service, discharge, 160,000 ft³/s.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3530	3360	13300	8810	13200	10600	9520	15700	9840	9520	4970	3530
2	3500	3340	12300	8550	12500	12200	8610	24100	9400	9080	4840	3500
3	3480	3320	11500	8260	11800	12800	8240	24400	8910	8700	4720	3530
4	3450	3490	10900	7950	11100	12200	8400	22800	8580	8730	4650	3660
5	3430	12000	10400	7590	10500	11300	8110	21900	8300	9620	4730	3880
6	3400	30400	10100	7400	9890	10400	7890	21400	8160	10200	4750	4000
7	3350	39100	9770	7740	9400	11600	7270	21100	8250	10100	7140	4150
8	3340	30200	9470	7860	8940	18400	7550	20900	8190	9550	9960	4010
9	3430	25100	12900	7670	8520	19600	7390	22600	7930	9450	6110	3830
10	3440	23400	19300	7450	8200	19100	7210	22200	7950	9670	5280	3740
11	3420	23000	19300	7310	7890	19300	7560	21100	9330	9730	5490	3690
12	3410	22200	18200	7230	7560	19400	8910	20300	10900	9430	5190	3670
13	3400	21700	17100	7160	7250	19100	8970	19600	12300	8840	4910	3650
14	3380	21300	16000	7540	7070	18200	9080	18600	13000	8310	4790	3610
15	3340	21000	14800	9250	8160	17100	9090	17300	12800	7980	4590	3560
16	3310	20900	14300	9820	10400	16000	8710	15900	11900	7700	4400	4540
17	3310	20300	15200	10900	13400	15000	8280	14500	10800	7530	4290	5930
18	3330	19200	14800	11900	13300	14000	8010	13700	9820	7600	4190	5070
19	3370	17800	14000	14800	12600	13200	7720	13700	9060	7310	4120	4600
20	3510	16200	13000	16700	11900	12500	7660	13100	8520	7110	4070	4310
21	3600	14900	12200	17000	11200	11900	7740	12800	8360	6920	4040	4150
22	3740	14100	12000	16600	10700	11500	7630	12300	8020	6620	3970	4030
23	3850	13300	11900	16000	10400	11100	7830	11600	7800	6620	3910	3930
24	3890	12600	11700	15300	10100	10800	8380	10900	7810	7100	3860	3840
25	3860	11800	11300	14600	9880	10500	8540	10300	8460	6640	3790	3780
26	3850	11000	10700	14100	9720	10200	8530	9790	9020	6300	3750	3750
27	3770	12200	10100	13900	9830	10300	8490	9490	8540	5970	3720	3710
28	3650	16100	9680	13900	10100	10900	8310	9490	8560	5690	3690	3670
29	3530	15700	9380	15100	---	10600	8160	9580	8770	5460	3660	3610
30	3440	14500	9150	14600	---	10400	10500	9690	9630	5280	3610	3490
31	3400	---	8990	13900	---	10000	---	9970	---	5120	3570	---
TOTAL	108710	513510	393740	346890	285510	420200	248290	500810	278910	243880	144760	118420
MEAN	3507	17120	12700	11190	10200	13550						

MEAN	3992	6789	9643	10970	11660	13760	15670	13630	7785	5264	4005	3850
MAX	11570	23020	44020	40410	36240	30410	42280	36370	18890	17630	8739	7630
(WY)	1985	1973	1983	1950	1989	1979	1973	1961	1957	1951	1951	1975
MIN	1797	1984	2042	1998	2650	3784	3721	4862	3296	2455	2028	1853
(WY)	1957	1957	1956	1956	1963	1981	1981	1987	1988	1954	1954	1954

ANNUAL TOTAL	4427690		3603630			
ANNUAL MEAN	12130		9873		a8901	
HIGHEST ANNUAL MEAN					17330	1973
LOWEST ANNUAL MEAN					3552	1954
HIGHEST DAILY MEAN	39100	Nov 7	39100	Nov 7	b123000	Dec 5 1982
LOWEST DAILY MEAN	3310	Oct 16	3310	Oct 16	1730	Sep 18 1956
ANNUAL SEVEN-DAY MINIMUM	3350	Oct 13	3350	Oct 13	1730	Sep 22 1956
INSTANTANEOUS PEAK FLOW			40600	Nov 7	b190000	Dec 4 1982
INSTANTANEOUS PEAK STAGE			23.00	Nov 7	c31.51	Dec 4 1982
ANNUAL RUNOFF (AC-FT)	8782000		7148000		6449000	
10 PERCENT EXCEEDS	24800		18000		19200	
50 PERCENT EXCEEDS	9730		9020		5800	
90 PERCENT EXCEEDS	3590		3610		2720	

^CFrom floodmarks

WHITE RIVER BASIN

07074000 STRAWBERRY RIVER NEAR POUGHKEEPSIE

LOCATION.--Lat 36°06'37", long 91°26'59", in SE1/4NW1/4 sec.19, T.17 N., R.4 W., Sharp County, Hydrologic Unit 11010012, on left bank 250 ft upstream of bridge on State Highway 58, 0.5 mi downstream from Hurricane Creek, 2.5 mi northeast of Poughkeepsie, and at mile 35.9.

DRAINAGE AREA.--473 mi².

PERIOD OF RECORD.--Water years 1949-60, 71, 72, 79, 94, 95.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DATE	TIME	AGENCY COLLECTING SAMPLE (CODE NUMBER)	AGENCY ANALYZING SAMPLE (CODE NUMBER)	GAGE HEIGHT (FEET)	SPECIFIC CONDUCTANCE (US/CM)	PH WATER WHOLE FIELD (STANDARD UNITS)	BAROMETRIC PRESSURE (MM HG)	TEMPERATURE WATER (DEG C)	TEMPERATURE AIR (DEG C)	OXYGEN, DISSOLVED (MG/L)	OXYGEN, DISSOLVED (PERCENT SATURATION)
MAY 23.	0900	80513	80020	1.95	389	8.2	761	21.0	22.5	7.3	82
AUG 29.	1200	80513	80020	1.34	379	8.2	760	29.5	32.5	8.6	113
DATE	TIME	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WHOLE UREASE (COL /100 ML) (31633)	STREPTOCOCCI, TOTAL KF AGAR (COLS./100 ML) (31673)	HARDNESS TOTAL (MG/L AS CaCO3) (00900)	HARDNESS NONCARB FLD. AS CaCO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS Ca) (00915)	MAGNESIUM, DISSOLVED (MG/L AS Mg) (00925)	SODIUM, DISSOLVED (MG/L AS Na) (00930)	SODIUM PERCENT (00932)	SODIUM ADSORPTION RATIO (00931)
MAY 23.	0900	48	41	33	210	0	43	24	1.7	2	0.0
AUG 29.	1200	26	K8	91	200	0	39	25	1.6	2	0.0
DATE	TIME	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	ALKALINITY WAT DIS TOT FET FIELD (MG/L AS CaCO3) (00418)	CARBONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	BICARBONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKALINITY WAT DIS TOT IT FIELD (MG/L AS CaCO3) (39086)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
MAY 23.	0900	1.1	206	0	253	207	4.3	2.4	<0.10	5.7	210
AUG 29.	1200	1.1	204	0	252	206	3.8	2.2	<0.10	8.0	207
DATE	TIME	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)	NITROGEN, NITRATE DIS-SOLVED (MG/L AS N) (00618)	NITROGEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DIS-SOLVED TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DIS-SOLVED TOTAL (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC DIS-SOLVED TOTAL (MG/L AS N) (00625)	NITROGEN, AMMONIA + ORGANIC DIS-SOLVED (MG/L AS N) (00623)	PHOSPHORUS TOTAL (MG/L AS P) (00665)
MAY 23.	0900	207	0.29	0.110	0.030	0.140	0.140	0.040	<0.20	<0.20	0.020
AUG 29.	1200	205	0.28	--	<0.010	--	<0.050	0.020	<0.20	<0.20	<0.010
DATE	TIME	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C) (00689)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	CADMIUM, DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)
MAY 23.	0900	<0.010	<0.010	2.4	--	<1	36	<0.5	<1.0	<5	<3
AUG 29.	1200	<0.010	<0.010	1.0	0.4	<1	34	<0.5	<1.0	<5	<3
DATE	TIME	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM, DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)
MAY 23.	0900	<10	19	20	<4	12	<10	<10	<1	2.0	36
AUG 29.	1200	<10	14	10	<4	9	<10	<10	<1	3.0	38
DATE	TIME	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	SEDIMENT, SUSPENDED (MG/L) (80154)	SED. SUSP. SIEVE DIAM. & FINER THAN .062 MM (70331)	ATRAZINE, WATER, DISS. REC (UG/L) (39632)	DI-AZINON, DISSOLVED (UG/L) (39572)	DI-ELDRIN, DISSOLVED (UG/L) (39381)	LINDANE, DISSOLVED (UG/L) (39341)	MALATHION, DISSOLVED (UG/L) (39532)	METOLACHLOR WATER DISSOLV (UG/L) (39415)
MAY 23.	0900	<6	<3	14	51	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01
AUG 29.	1200	<6	5	11	85	--	--	--	--	--	--
DATE	TIME	PARATHION, DISSOLVED (UG/L) (39542)	2,4-DB WATER, FLTRD, GF 0.70 REC (UG/L) (38746)	2,4,5-T DIS-SOLVED (UG/L) (39742)	SILVEX, DISSOLVED (UG/L) (39762)	ALPHA BHC DISSOLVED (UG/L) (34253)	ALACHLOR, WATER, DISS. REC (UG/L) (46342)	BENTAZON, WATER, FLTRD, GF 0.70 REC (UG/L) (38711)	BUTYLATE, WATER, DISS. REC (UG/L) (04028)	CHLORPYRIFOS, DISSOLVED (UG/L) (38933)	CYANAZINE, WATER, DISS. REC (UG/L) (04041)
MAY 23.	0900	<0.02	<0.05	<0.05	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01

WHITE RIVER BASIN

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07074000 STRAWBERRY RIVER NEAR POUGHKEEPSIE--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

		DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	FONOFOS WATER, DISS REC (UG/L) (04095)	P, P' DDE DISSOLV (UG/L) (34653)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	METRI- BUZIN, WATER, DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	
DATE	TIME										
MAY	23. 0900	<0.00	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	
		DIMETH- OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	
DATE	TIME										
MAY	23. 0900	<0.02	<0.01	<0.01	<0.03	<0.04	<0.03	<0.00	<0.01	<0.02	
		MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	
DATE	TIME										
MAY	23. 0900	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.06	<0.01	<0.02	
		CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	
DATE	TIME										
MAY	23. 0900	<0.05	<0.01	<0.00	<0.02	<0.01	<0.01	<0.05	<0.02	<0.05	
		ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	AMIBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	
DATE	TIME										
MAY	23. 0900	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
		CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	OCRESOL 4,6- DINITRO WAT,FLT GF 0.7U REC (UG/L) (49299)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR- BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	ESFEN- VAL- ERATE, WAT,FLT GF 0.7U REC (UG/L) (49298)	
DATE	TIME										
MAY	23. 0900	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
		FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FLURO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	
DATE	TIME										
MAY	23. 0900	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
		NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	2,4-D, DIS- SOLVED (UG/L) (39732)	
DATE	TIME										
MAY	23. 0900	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
		AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	GAGE HEIGHT (FEET) (00065)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	OXYGEN, DIS- SOLVED (MG/L) (00300)
DATE	TIME										
MAY	23. 1200	80513	80020	331	2.47	360	8.2	762	20.0	22.0	9.1
		OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP- TOCOCCEI FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL MG/L AS CACO3 (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
DATE	TIME										
MAY	23. 1200	100	36	31	47	200	0	41	23	1.6	2

WHITE RIVER BASIN

07074000 STRAWBERRY RIVER NEAR POUGHKEEPSIE--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT DIS TOT FET FIELD MG/L AS CACO3 (00418)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)
MAY	23. 1200	0.0	1.1	196	0	243	199	4.1	3.2	<0.10	5.2
DATE	TIME	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)
MAY	23. 1200	191	199	171	0.26	<0.010	0.080	0.080	0.020	<0.20	<0.20
DATE	TIME	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDE TOTAL (MG/L AS C) (00689)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)
MAY	23. 1200	<0.010	<0.010	<0.010	2.3	0.2	9	<1	38	<1	<1.0
DATE	TIME	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)
MAY	23. 1200	2	<1	<1	17	<1	9	<1	4	<1	<1.0
DATE	TIME	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER 0.62 MM (70331)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DI- ELDRIN, DIS- SOLVED (UG/L) (39381)	LINDANE DIS- SOLVED (UG/L) (39341)	MALA- THION, DIS- SOLVED (UG/L) (39532)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)
MAY	23. 1200	<1	16	14	78	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01
DATE	TIME	PARA- THION, DIS- SOLVED (UG/L) (39542)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	FONOFOS WATER DISS REC (UG/L) (04095)	P, P' DDE DISSOLV (UG/L) (34653)	PRO- METON, WATER, DISS, REC (UG/L) (04037)
MAY	23. 1200	<0.02	<0.01	<0.01	<0.01	<0.00	<0.01	<0.00	<0.01	<0.01	<0.01
DATE	TIME	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
MAY	23. 1200	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.04	<0.03
DATE	TIME	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)
MAY	23. 1200	<0.00	<0.01	E0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.06
DATE	TIME	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
MAY	23. 1200	<0.01	<0.02	<0.05	<0.01	<0.00	<0.02	<0.01	<0.01	<0.04	<0.02

07074500 WHITE RIVER AT NEWPORT

LOCATION.--Lat 35°36'18", long 91°17'19", in NE1/4NE1/4 sec.10, T.11 N., R.3 W., Jackson County, Hydrologic Unit 11010013, on left bank 100 ft downstream from bridge on U.S. Highway 67 at Newport, 7.2 mi downstream from Black River, and at mile 257.6.

DRAINAGE AREA.--19,860 mi².

PERIOD OF RECORD.--September 1927 to September 1931 (published as "near Newport"), October 1937 to current year. Gage-height records collected at present site since 1885 are contained in reports of National Weather Service.

REVISED RECORDS.--WRD Ark. 1973: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 194.09 ft above sea level. September 1927 to September 1931, nonrecording gage at site 2.8 mi downstream at datum 2.30 ft lower. Oct. 1, 1937, to Aug. 14, 1953, nonrecording gage at present site and datum.

REMARKS.--Records good. Some regulation since 1943 by Norfork Lake, capacity, 1,983,000 acre-ft since 1948 by Clearwater Lake (Missouri), capacity, 413,700 acre-ft, since July 24, 1951, by Bull Shoals Lake, 149 mi upstream, capacity, 5,408,000 acre-ft, since Sept. 9, 1956, by Table Rock Lake (Missouri), capacity, 3,567,500 acre-ft, and since Dec. 26, 1963, by Beaver Lake, capacity, 1,951,500 acre-ft. Satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1927, that of Apr. 18, 1945. Flood of Apr. 16, 1927, reached a stage of 35.6 ft, from records of National Weather Service.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11800	7140	32100	19500	39200	25900	32700	31000	26700	26500	25400	19800
2	12700	6580	34000	17900	38800	29800	27600	43700	26800	26700	25600	17700
3	11300	6800	32000	17000	39400	32200	21100	51100	26100	26500	25700	14400
4	10400	7860	29000	18300	38500	32500	17300	50200	25500	26400	26400	12500
5	10100	16900	26600	22300	38100	31700	17500	47200	25700	27000	27100	12200
6	10200	42700	24800	26200	36800	31000	21300	45100	26300	27700	26800	13600
7	10900	55400	26600	24200	36000	29500	21900	43300	27300	26600	26800	14700
8	9470	51900	27100	21300	35400	38600	22100	41700	25800	24600	28300	15100
9	9370	44900	32000	21100	34600	45200	21100	46100	25600	24300	30400	13000
10	9070	42700	43200	19200	32600	46300	21700	52500	25700	24800	25400	10300
11	7550	43700	52600	19000	28700	46300	21900	53700	26600	25100	22300	10100
12	8270	44000	55500	18500	22400	45100	26900	49600	25100	26000	23300	9100
13	10000	41900	53400	17500	21800	41400	30100	45900	27400	25900	25500	10300
14	10100	39500	50400	16800	23500	37800	30600	43200	28800	26000	26000	15500
15	10200	38000	48300	36000	26300	37500	27800	40300	27600	27300	26200	15000
16	10600	41600	44600	43400	27700	37900	24700	38000	25800	27600	26300	14400
17	9950	43900	43500	38300	30500	38400	22500	36000	24200	26800	26200	15800
18	8240	42600	42800	38500	33300	39300	21600	33800	23500	26200	26100	15200
19	9380	41000	40000	42400	33700	37800	20800	30900	22900	26100	26300	12300
20	11800	38600	37900	44200	32800	34800	21000	28300	23500	26600	26400	13200
21	11300	35400	38900	46200	29300	31200	24000	26800	26000	26700	26500	16100
22	11900	32600	39100	47500	28600	32100	27700	24900	27300	25800	26200	14600
23	11900	31800	36300	48400	27500	32700	28400	24400	27700	25100	25800	15300
24	10200	30400	34900	49200	25900	31500	28800	24300	27800	25100	25500	14800
25	8030	28800	34100	48400	25800	30900	29300	24700	27300	25800	23700	13300
26	8070	26700	31500	46200	26300	30600	29800	25000	27000	26200	22000	12000
27	9030	26800	27100	45400	21900	25300	29900	25000	28100	26100	21500	11800
28	8610	28100	24100	44300	20100	27000	29900	26000	27200	26400	22200	15000
29	9220	29700	24000	42400	---	31700	29500	26000	26000	25800	21900	13700
30	9400	30600	22300	41200	---	33800	29400	25800	26200	24900	22300	13800
31	8600	---	20900	40500	---	34400	---	25700	---	25300	21700	---
TOTAL	307660	998580	1109600	1021300	855500	1080200	758900	1130200	787500	807900	781800	414600
MEAN	9925	33290	35790	32950	30550	34850	25300	36460	26250	26060	25220	13820
MAX	12700	55400	55500	49200	39400	46300	32700	53700	28800	27700	30400	19800
MIN	7550	6580	20900	16800	20100	25300	17300	24300	22900	24300	21500	9100
AC-FT	610200	1981000	2201000	2026000	1697000	2143000	1505000	2242000	1562000	1602000	1551000	822400

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1943 - 1995, BY WATER YEAR (WY)

	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955
MEAN	10450	15720	23520	26930	29320	34690	38980	35290	22440	16610	13020	10930	
MAX	26280	41430	89140	90830	95540	117400	164200	102800	98630	43020	34390	29530	
(WY)	1994	1973	1983	1950	1949	1945	1943	1945	1945	1951	1957	1957	
MIN	3783	3795	4371	5310	7052	9148	6539	10970	7562	5354	4611	3702	
(WY)	1955	1955	1944	1944	1964	1981	1981	1963	1977	1944	1944	1954	

SUMMARY STATISTICS FOR 1994 CALENDAR YEAR FOR 1995 WATER YEAR WATER YEARS 1943 - 1995

	1994 CALENDAR YEAR	1995 WATER YEAR	WATER YEARS 1943 - 1995
ANNUAL TOTAL	10813650	10053740	
ANNUAL MEAN	29630	27540	^a 23120
HIGHEST ANNUAL MEAN			46320
LOWEST ANNUAL MEAN			8073
HIGHEST DAILY MEAN	59700	55500	340000
LOWEST DAILY MEAN	6580	6580	2870
ANNUAL SEVEN-DAY MINIMUM	7940	7940	2960
INSTANTANEOUS PEAK FLOW		58000	343000
INSTANTANEOUS PEAK STAGE		23.33	^b 35.19
INSTANTANEOUS LOW FLOW		6490	2870
ANNUAL RUNOFF (AC-FT)	21450000	19940000	16750000
10 PERCENT EXCEEDS	48600	43400	48400
50 PERCENT EXCEEDS	27100	26500	15900
90 PERCENT EXCEEDS	10500	11800	6600

^aPrior to regulation, water years 1928-31, 1938-42, 26,370 ft³/s

^bObserved

^cAlso Sept. 28-30, 1954

WHITE RIVER BASIN

07075025 GREERS FERRY LAKE AT BRUSH CREEK

LOCATION.--Lat 35°37'15" long 92°11'16", in NE1/4NW1/4, sec.32, T.12 N., R.11 W., Cleburne County, Hydrologic Unit 11010014, on Greers Ferry Lake at Brush Creek, 1.3 mi north of Edgemont.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
11.	1137	80513	80513	0.0	34.0	42	6.8	747	8.5	10.5
11.	1138	80513	80020	3.00	34.0	42	6.8	747	8.5	10.3
11.	1140	80513	81213	17.0	34.0	42	6.8	747	8.0	10.2
MAY										
17.	1115	80513	80513	0.0	40.0	52	7.8	743	24.0	8.6
17.	1116	80513	81213	3.00	40.0	52	7.9	743	24.0	8.6
17.	1117	80513	81213	20.0	40.0	54	7.3	743	19.5	8.0
AUG										
23.	1059	80513	80513	0.0	34.0	53	6.8	755	30.0	6.2
23.	1100	80513	81213	3.00	34.0	53	6.8	755	30.0	6.4
23.	1101	80513	81213	16.9	34.0	53	6.9	755	30.0	6.4

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
11.	1137	91	2.20	K1	--	--	--	--	--	--
11.	1138	90	--	--	--	--	--	--	--	--
11.	1140	88	--	--	5	2.9	<2.0	18	5.4	1.0
MAY										
17.	1115	105	2.40	K1	--	--	--	--	--	--
17.	1116	104	--	--	--	--	--	--	--	--
17.	1117	90	--	--	5	3.5	<2.0	--	--	--
AUG										
23.	1059	83	3.50	<1	--	--	--	--	--	--
23.	1100	85	--	--	--	--	--	--	--	--
23.	1101	85	--	--	5	1.1	2.1	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
11.	1140	1.3	13	0.1	0.90	18	3.8	1.7	25	0.03

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JAN									
11.	1138	--	--	--	--	--	--	2.50	0.100
11.	1140	<0.010	0.180	0.010	<0.20	0.020	0.010	--	--
MAY									
17.	1116	--	--	--	--	--	--	5.00	0.400
17.	1117	<0.010	<0.020	--	--	<0.020	0.010	--	--
AUG									
23.	1100	--	--	--	--	--	--	0.600	--
23.	1101	0.010	0.020	--	--	0.020	0.010	--	--

WHITE RIVER BASIN

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07075215 GREENS FERRY LAKE ABOVE HILL CREEK

LOCATION.--Lat 35°36'24" long 92°07'44", in NW1/4SE1/4, sec.11, T.11 N., R.11 W., Cleburne County, Hydrologic Unit 11010014, at bridge on State Highway 225, 3.5 mi west of Brownsville.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
11.	1205	80513	80513	0.0	80.0	40	6.8	746	9.5	10.5
11.	1206	80513	80020	3.00	80.0	41	6.8	746	9.5	10.4
11.	1207	80513	81213	40.0	80.0	42	6.8	746	7.5	10.2
MAY										
17.	1138	80513	80513	0.0	80.0	43	7.7	743	24.0	8.7
17.	1139	80513	81213	3.00	80.0	43	7.8	743	23.5	8.8
17.	1141	80513	81213	40.0	80.0	38	7.0	743	15.5	7.4
AUG										
23.	1025	80513	80513	0.0	70.0	45	7.1	755	29.5	7.1
23.	1026	80513	81213	3.00	70.0	45	7.1	755	30.0	7.1
23.	1027	80513	81213	14.0	70.0	44	7.1	755	30.0	7.1
23.	1030	80513	81213	55.9	70.0	70	6.5	755	16.0	0.2

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
11.	1205	94	2.50	K1	--	--	--	--	--	--
11.	1206	92	--	--	--	--	--	--	--	--
11.	1207	87	--	--	5	4.0	<2.0	17	5.1	1.0
MAY										
17.	1138	106	3.30	<1	--	--	--	--	--	--
17.	1139	107	--	--	--	--	--	--	--	--
17.	1141	76	--	--	20	7.7	<2.0	--	--	--
AUG										
23.	1025	95	3.70	K4	--	--	--	--	--	--
23.	1026	95	--	--	--	--	--	--	--	--
23.	1027	94	--	--	5	0.80	2.2	--	--	--
23.	1030	2	--	--	20	4.9	3.3	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
11.	1207	1.3	13	0.1	1.0	18	3.7	1.9	25	0.04

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
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JAN									
11.	1206	--	--	--	--	--	--	2.30	0.100
11.	1207	<0.010	0.200	0.010	<0.20	0.030	<0.010	--	--
MAY									
17.	1139	--	--	--	--	--	--	1.00	0.700
17.	1141	0.010	0.160	--	--	<0.020	0.010	--	--
AUG									
23.	1026	--	--	--	--	--	--	12.0	--
23.	1027	0.010	0.020	--	--	0.020	0.010	--	--
23.	1030	0.010	0.020	--	--	0.020	0.010	--	--

WHITE RIVER BASIN

07075490 GREERS FERRY LAKE NEAR CLINTON

LOCATION.--Lat 35°35'06" long 92°25'32", in SW1/4SW1/4, sec.18, T.11N., R.13 W., Van Buren County, Hydrologic Unit 11010014, on Greers Ferry Lake (South Fork Little Red River), 2.0 mi east of Clinton.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
11.	1538	80513	80513	0.0	26.0	24	6.8	743	7.0	12.4
11.	1539	80513	80020	3.00	26.0	24	6.8	743	7.0	12.1
11.	1540	80513	81213	13.0	26.0	24	6.8	743	5.5	12.3
MAY										
17.	1543	80513	80513	0.0	28.0	26	6.8	742	25.0	8.0
17.	1544	80513	81213	3.00	28.0	26	6.7	742	25.0	7.9
17.	1545	80513	81213	14.0	28.0	28	6.4	742	22.5	7.0
AUG										
23.	1411	80513	80513	0.30	6.0	42	6.5	754	31.5	6.9
23.	1412	80513	81213	3.00	6.0	42	6.3	754	31.0	5.9

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
11.	1538	105	2.10	K4	--	--	--	--	--	--
11.	1539	102	--	--	--	--	--	--	--	--
11.	1540	100	--	--	5	4.5	<2.0	9	2.3	0.80
MAY										
17.	1543	100	1.40	K4	--	--	--	--	--	--
17.	1544	99	--	--	--	--	--	--	--	--
17.	1545	84	--	--	<5	4.0	<2.0	--	--	--
AUG										
23.	1411	94	1.10	<1	--	--	--	--	--	--
23.	1412	81	--	--	10	4.9	3.7	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
11.	1540	1.1	20	0.2	0.50	12	2.8	1.8	16	0.03

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JAN									
11.	1539	--	--	--	--	--	--	0.200	<0.100
11.	1540	<0.010	0.100	0.010	<0.20	<0.020	<0.010	--	--
MAY									
17.	1544	--	--	--	--	--	--	4.00	2.00
17.	1545	<0.010	0.030	--	--	<0.020	0.010	--	--
AUG									
23.	1412	0.010	0.020	--	--	0.020	0.010	8.00	--

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LOCATION.--Lat 35°31'27" long 92°25'04", in SE1/4NE1/4, sec.7 T.10 N., R.13 W., Van Buren County, Hydrologic Unit 11010014, on Greers Ferry Lake (Choctaw Creek), 1.4 mi east of Choctaw.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY	AGENCY	SAMPLING	RESERVOIR	SPECIFIC CONDUCTANCE	PH	BAROMETRIC	TEMPERATURE	OXYGEN, DIS-SOLVED
		COLLECTING SAMPLE (CODE NUMBER) (00027)	ANALYZING SAMPLE (CODE NUMBER) (00028)				WATER WHOLE FIELD (STANDARD OF HG) (000400)	PRES-SURE (MM OF HG) (00025)		
JAN										
11.	1608	80513	80513	0.0	12.0	26	6.5	744	7.5	12.1
11.	1609	80513	80020	3.00	12.0	26	6.5	744	7.5	12.0
11.	1610	80513	81213	6.00	12.0	26	6.5	744	7.5	11.9
MAY										
17.	1610	80513	80513	0.0	18.0	28	6.3	743	24.0	7.6
17.	1611	80513	81213	3.00	18.0	28	6.2	743	24.0	7.6
17.	1612	80513	81213	9.00	18.0	27	6.2	743	19.0	7.3
AUG										
23.	1445	80513	80513	0.0	4.0	37	6.8	753	31.0	7.5
23.	1446	80513	81213	2.00	4.0	37	6.9	753	31.0	7.5
23.	1447	80513	81213	3.00	4.0	37	6.9	753	31.0	7.5

[illegible]

DATE	TIME	SODIUM, DIS- SOLVED (MG/L	SODIUM PERCENT	SODIUM AD- SORP- TION RATIO	POTAS- SIUM, DIS- SOLVED (MG/L	ALKA- LITY WAT WH TOT FET FIELD MG/L AS	SULFATE DIS- SOLVED (MG/L	CHLO- RIDE, DIS- SOLVED (MG/L	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	SOLIDS, DIS- SOLVED (TONS
		AS NA) (00930)	(00932)	(00931)	AS K) (00935)	CACO3 (00410)	AS SO4) (00945)	AS CL) (00940)	(70301)	PER AC-FT) (70303)
JAN										
11.	1610	1.5	25	0.2	0.80	12	3.4	2.4	18	0.02

[illegible]

WHITE RIVER BASIN

07075638 GREERS FERRY LAKE AT HIGDEN

LOCATION.--Lat 35°33'48" long 92°11'48", in NW1/4SE1/4, sec.10, T.11 N., R.11 W., Cleburne County, Hydrologic Unit 11010014, at bridge on State Highway 16, 0.7 mi southeast of Higden.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE OF WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
11.	1404	80513	80513	0.0	140	40	6.9	745	9.5	10.6
11.	1405	80513	80020	3.00	140	40	6.9	745	9.5	10.4
11.	1406	80513	81213	70.0	140	40	6.8	745	8.5	9.8
MAY										
17.	1312	80513	80513	0.0	140	39	7.5	744	22.5	8.5
17.	1313	80513	81213	3.00	140	40	7.5	744	22.5	8.4
17.	1314	80513	81213	80.0	140	34	6.7	755	9.0	8.1
AUG										
23.	1132	80513	80513	0.0	140	41	7.2	755	30.5	7.3
23.	1133	80513	81213	3.00	140	41	7.2	755	30.5	7.3
23.	1135	80513	81213	69.8	140	37	6.3	755	12.0	2.1

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
11.	1404	95	3.50	K1	--	--	--	--	--	--
11.	1405	93	--	--	--	--	--	--	--	--
11.	1406	86	--	--	5	3.9	<2.0	16	4.8	1.0
MAY										
17.	1312	100	4.60	K1	--	--	--	--	--	--
17.	1313	100	--	--	--	--	--	--	--	--
17.	1314	70	--	--	10	4.6	<2.0	--	--	--
AUG										
23.	1132	99	6.10	<1	--	--	--	--	--	--
23.	1133	99	--	--	--	--	--	--	--	--
23.	1135	19	--	--	10	2.7	<2.0	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
11.	1406	1.3	14	0.1	0.90	14	3.6	1.7	22	0.03

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JAN									
11.	1405	--	--	--	--	--	--	0.700	<0.100
11.	1406	<0.010	0.170	0.010	<0.20	<0.020	<0.010	--	--
MAY									
17.	1313	--	--	--	--	--	--	0.100	0.800
17.	1314	<0.010	0.170	--	--	0.030	0.010	--	--
AUG									
23.	1133	--	--	--	--	--	--	0.500	--
23.	1135	0.010	0.100	--	--	0.020	0.010	--	--

WHITE RIVER BASIN

201

07075660 GREERS FERRY LAKE NEAR EDEN ISLE

LOCATION.--Lat 35°30'12" long 92°05'32", in SW1/4NW1/4, sec.17, T.10 N., R.10 W., Cleburne County, Hydrologic Unit 11010014, on Greers Ferry Lake, 1.0 mi east of Eden Isle.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
11.	0827	80513	80513	0.0	160	38	7.0	757	9.5	10.1
11.	0828	80513	80020	3.00	160	38	6.9	757	9.5	10
11.	0830	80513	81213	80.0	160	38	6.8	757	9.0	9.8
MAY										
17.	0935	80513	80513	0.0	170	40	7.1	743	22.0	8.5
17.	0936	80513	81213	3.00	170	40	7.1	743	22.0	8.4
17.	0938	80513	81213	85.0	170	40	6.7	743	8.0	9.1
AUG										
23.	0821	80513	80513	0.0	160	41	7.1	754	30.0	7.4
23.	0822	80513	81213	3.00	160	41	7.1	754	29.5	7.4
23.	0824	80513	81213	32.0	160	40	6.8	754	24.5	7.9
23.	0826	80513	81213	128	160	43	6.5	754	9.0	4.3

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
11.	0827	88	4.30	<1	--	--	--	--	--	--
11.	0828	87	--	--	--	--	--	--	--	--
11.	0830	86	--	--	5	1.7	<2.0	16	4.7	1.0
MAY										
17.	0935	99	4.90	<1	--	--	--	--	--	--
17.	0936	99	--	--	--	--	--	--	--	--
17.	0938	79	--	--	<5	1.4	<2.0	--	--	--
AUG										
23.	0821	98	7.60	<1	--	--	--	--	--	--
23.	0822	98	--	--	--	--	--	--	--	--
23.	0824	96	--	--	5	0.70	2.6	--	--	--
23.	0826	38	--	--	10	3.2	3.5	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
11.	0830	1.3	14	0.1	0.80	12	3.7	1.6	20	0.03

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
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JAN									
11.	0828	--	--	--	--	--	--	0.600	<0.100
11.	0830	<0.010	0.100	0.010	<0.20	0.020	<0.010	--	--
MAY									
17.	0936	--	--	--	--	--	--	0.900	0.800
17.	0938	<0.010	0.150	--	--	<0.020	<0.010	--	--
AUG									
23.	0822	--	--	--	--	--	--	5.00	--
23.	0824	0.010	0.020	--	--	0.020	0.010	--	--
23.	0826	0.010	0.200	--	--	0.020	0.010	--	--

WHITE RIVER BASIN

07075900 GREERS FERRY LAKE NEAR HEBER SPRINGS

LOCATION.--Lat 35°31'15", long 91°59'42", in SE1/4 sec.6, T.10 N., R.9 W., Cleburne County, Hydrologic Unit 11010014, on State Highway 25 at Greers Ferry Dam on Little Red River, 2.5 mi northwest of Heber Springs, 5.5 mi upstream from Canoe Creek, and at mile 79.0.

DRAINAGE AREA.--1,153 mi².

PERIOD OF RECORD.--October 1970 to September 1972, December 1973 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
OCT											
11...	1119	80513	0.0	150	40	7.0	754	21.0	10.2	116	4.40
11...	1120	80513	10.1	150	40	7.0	754	21.5	10.0	115	--
11...	1121	80513	20.0	150	40	7.0	754	21.5	9.9	113	--
11...	1122	80513	30.1	150	40	6.9	754	21.5	9.8	112	--
11...	1123	80513	34.0	150	40	6.7	754	20.0	9.2	102	--
11...	1124	80513	35.1	150	40	6.5	754	19.0	9.2	100	--
11...	1125	80513	36.0	150	40	6.5	754	18.0	9.0	96	--
11...	1126	80513	37.0	150	39	6.5	754	17.5	8.9	94	--
11...	1127	80513	38.0	150	39	6.4	754	17.0	8.9	93	--
11...	1128	80513	40.0	150	39	6.4	754	15.5	8.3	85	--
11...	1129	80513	43.0	150	39	6.4	754	14.5	7.9	79	--
11...	1130	80513	47.2	150	39	6.4	754	13.5	7.4	71	--
11...	1131	80513	50.0	150	39	6.3	754	13.0	7.1	68	--
11...	1132	80513	55.0	150	40	6.4	754	12.0	6.7	63	--
11...	1133	80513	60.1	150	40	6.4	754	11.5	6.6	61	--
11...	1134	80513	70.1	150	41	6.4	754	10.0	6.7	60	--
11...	1135	80513	79.9	150	41	6.4	754	9.5	7.2	63	--
11...	1136	80513	90.0	150	41	6.4	754	8.5	7.5	65	--
11...	1137	80513	100	150	42	6.4	754	8.0	7.7	66	--
11...	1138	80513	110	150	42	6.4	754	8.0	7.5	64	--
11...	1139	80513	120	150	43	6.4	754	7.5	6.9	58	--
11...	1140	80513	130	150	43	6.4	754	7.5	6.4	54	--
11...	1141	80513	140	150	43	6.3	754	7.5	6.2	52	--
11...	1142	80513	150	150	43	6.4	754	7.5	6.0	50	--

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
OCT											
19...	1328	80513	0.0	150	38	6.6	752	20.5	8.9	101	5.80
19...	1329	80513	10.1	150	38	6.7	752	20.0	8.8	98	--
19...	1330	80513	19.9	150	38	6.8	752	20.0	8.7	97	--
19...	1331	80513	29.9	150	38	6.8	752	20.0	8.5	95	--
19...	1332	80513	40.0	150	38	6.4	752	19.0	7.0	77	--
19...	1333	80513	44.0	150	38	6.3	752	17.5	7.4	79	--
19...	1334	80513	47.0	150	37	6.3	752	16.0	7.1	73	--
19...	1335	80513	49.0	150	37	6.3	752	15.5	6.8	69	--
19...	1336	80513	49.8	150	37	6.2	752	15.0	6.7	67	--
19...	1337	80513	53.1	150	38	6.2	752	14.0	6.3	62	--
19...	1338	80513	58.0	150	38	6.2	752	13.0	5.9	57	--
19...	1339	80513	60.1	150	38	6.2	752	12.5	5.7	54	--
19...	1340	80513	70.0	150	38	6.1	752	11.5	5.5	51	--
19...	1341	80513	78.1	150	39	6.2	752	10.5	5.5	50	--
19...	1342	80513	80.0	150	39	6.1	752	10.5	5.4	49	--
19...	1343	80513	90.0	150	39	6.2	752	9.5	6.0	53	--
19...	1344	80513	100	150	39	6.2	752	8.5	6.3	55	--
19...	1345	80513	110	150	40	6.2	752	8.0	6.4	55	--
19...	1346	80513	120	150	41	6.2	752	8.0	5.8	50	--
19...	1347	80513	130	150	41	6.2	752	7.5	5.3	45	--
19...	1348	80513	141	150	41	6.2	752	7.5	5.0	42	--
19...	1349	80513	150	150	41	6.1	752	7.5	4.8	41	--

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
OCT											
31...	1200	80513	0.0	142	46	6.7	746	18.5	9.9	108	3.70
31...	1201	80513	10.0	142	45	6.7	746	18.5	9.9	107	--
31...	1202	80513	20.2	142	45	6.8	746	18.5	9.9	107	--
31...	1203	80513	30.0	142	44	6.8	746	18.5	9.8	107	--
31...	1204	80513	40.0	142	41	6.8	746	18.5	9.7	106	--
31...	1205	80513	45.1	142	39	6.5	746	17.5	7.6	81	--
31...	1206	80513	46.1	142	38	6.3	746	16.5	7.3	77	--
31...	1207	80513	47.0	142	38	6.3	746	16.5	7.2	75	--
31...	1208	80513	48.1	142	38	6.2	746	15.5	6.9	71	--
31...	1209	80513	49.5	142	38	6.2	746	15.0	6.8	69	--
31...	1210	80513	52.0	142	38	6.2	746	14.0	6.3	62	--
31...	1211	80513	55.0	142	38	6.3	746	13.0	6.0	58	--
31...	1212	80513	60.0	142	38	6.3	746	12.0	5.6	53	--
31...	1213	80513	70.0	142	39	6.3	746	11.0	5.4	50	--
31...	1214	80513	79.8	142	40	6.3	746	10.0	5.9	53	--
31...	1215	80513	89.8	142	40	6.3	746	9.0	6.5	57	--
31...	1216	80513	99.9	142	40	6.4	746	8.5	6.5	57	--
31...	1217	80513	110	142	41	6.4	746	8.0	6.2	53	--
31...	1218	80513	120	142	41	6.3	746	8.0	5.4	47	--
31...	1219	80513	130	142	42	6.3	746	8.0	4.9	42	--
31...	1220	80513	140	142	42	6.3	746	8.0	4.7	40	--
31...	1221	80513	142	142	42	6.4	746	8.0	4.5	39	--

WHITE RIVER BASIN

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07075900 GREERS FERRY LAKE NEAR HEBER SPRINGS--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAM-PLING DEPTH (FEET)	RESER-VOIR DEPTH (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	BARO-METRIC PRES-SURE (MM HG)	TEMPER-ATURE WATER (DEG C)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED SATUR-ATION (%)	TRANS-PAR-ENCY (SECCHI DISK)
NOV											
14...	1038	80513	0.0	153	38	6.7	760	17.0	9.2	95	6.70
14...	1039	80513	9.90	153	38	6.9	760	17.0	8.7	90	--
14...	1040	80513	20.0	153	38	6.9	760	17.0	8.6	89	--
14...	1041	80513	30.2	153	38	6.9	760	17.0	8.5	88	--
14...	1042	80513	40.0	153	38	6.9	760	17.0	8.5	88	--
14...	1043	80513	50.2	153	38	6.9	760	16.5	7.7	80	--
14...	1045	80513	52.0	153	39	6.4	760	15.5	6.5	66	--
14...	1046	80513	53.9	153	39	6.4	760	15.5	6.0	60	--
14...	1047	80513	55.9	153	39	6.3	760	14.5	5.3	52	--
14...	1048	80513	59.0	153	40	6.3	760	13.5	5.0	48	--
14...	1049	80513	60.0	153	40	6.3	760	13.5	4.9	47	--
14...	1050	80513	63.9	153	39	6.2	760	12.5	4.7	44	--
14...	1052	80513	70.0	153	40	6.2	760	11.5	4.6	42	--
14...	1053	80513	80.0	153	40	6.3	760	10.5	4.7	42	--
14...	1055	80513	90.0	153	41	6.3	760	9.5	5.1	45	--
14...	1056	80513	99.9	153	41	6.3	760	9.0	5.5	47	--
14...	1057	80513	110	153	42	6.3	760	8.5	5.6	48	--
14...	1058	80513	120	153	42	6.3	760	8.0	5.3	45	--
14...	1059	80513	130	153	43	6.3	760	8.0	4.8	40	--
14...	1100	80513	140	153	43	6.3	760	8.0	4.3	36	--
14...	1101	80513	150	153	44	6.3	760	7.5	4.0	34	--
14...	1102	80513	153	153	45	6.3	760	7.5	3.7	31	--

DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAM-PLING DEPTH (FEET)	RESER-VOIR DEPTH (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	BARO-METRIC PRES-SURE (MM HG)	TEMPER-ATURE WATER (DEG C)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED SATUR-ATION (%)	TRANS-PAR-ENCY (SECCHI DISK)
DEC											
05...	1010	80513	0.0	151	37	7.3	759	14.0	9.1	89	2.10
05...	1011	80513	10.2	151	37	7.3	759	14.0	8.8	85	--
05...	1012	80513	20.0	151	37	7.2	759	14.0	8.7	85	--
05...	1013	80513	30.1	151	37	7.2	759	14.0	8.8	86	--
05...	1014	80513	40.3	151	37	7.2	759	14.0	8.6	84	--
05...	1015	80513	50.1	151	37	7.1	759	14.0	8.4	82	--
05...	1016	80513	60.1	151	37	7.1	759	14.0	8.3	81	--
05...	1017	80513	70.1	151	39	6.9	759	13.0	4.6	44	--
05...	1018	80513	80.2	151	39	6.8	759	11.0	3.9	36	--
05...	1020	80513	90.0	151	39	6.7	759	10.5	4.2	38	--
05...	1021	80513	100	151	40	6.7	759	9.5	4.6	40	--
05...	1022	80513	110	151	40	6.6	759	9.0	4.6	40	--
05...	1023	80513	120	151	41	6.6	759	8.5	3.9	33	--
05...	1024	80513	130	151	42	6.6	759	8.0	3.5	29	--
05...	1025	80513	140	151	43	6.6	759	8.0	3.2	27	--
05...	1026	80513	150	151	43	6.6	759	8.0	2.9	25	--
05...	1027	80513	151	151	43	6.6	759	8.0	2.9	25	--

DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	SAM-PLING DEPTH (FEET)	RESER-VOIR DEPTH (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	BARO-METRIC PRES-SURE (MM HG)	TEMPER-ATURE WATER (DEG C)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED SATUR-ATION (%)
JAN											
11...	0930	80513	80513	0.0	154	37	6.7	747	10.0	9.0	81
11...	0931	80513	80020	3.00	154	37	6.7	747	10.0	8.9	80
11...	0932	80513	80513	9.90	154	37	6.6	747	9.5	8.9	80
11...	0933	80513	80513	20.1	154	37	6.6	747	9.5	8.9	80
11...	0934	80513	80513	29.9	154	37	6.6	747	9.5	9.1	81
11...	0935	80513	80513	40.1	154	37	6.6	747	9.5	8.9	80
11...	0936	80513	80513	50.0	154	37	6.6	747	9.5	8.5	76
11...	0937	80513	80513	60.0	154	37	6.6	747	9.5	9.1	81
11...	0938	80513	80513	70.2	154	37	6.6	747	9.5	9.0	80
11...	0939	80513	81213	75.0	154	37	6.5	747	9.5	8.9	79
11...	0940	80513	80513	80.0	154	37	6.5	747	9.5	9.0	80
11...	0941	80513	80513	90.1	154	38	6.5	747	9.5	7.7	68
11...	0942	80513	80513	100	154	40	6.3	747	9.0	5.0	44
11...	0943	80513	80513	110	154	41	6.2	747	9.0	2.8	25
11...	0944	80513	80513	120	154	44	6.1	747	9.0	1.8	16
11...	0945	80513	80513	130	154	44	6.1	747	9.0	1.6	14
11...	0946	80513	80513	140	154	45	6.1	747	8.5	1.5	13
11...	0947	80513	80513	150	154	45	6.1	747	8.5	1.4	13
11...	0948	80513	80513	154	154	45	6.1	747	8.5	1.4	12

DATE	TIME	TRANS-PAR-ENCY (SECCHI DISK)	COLI-FORM, FECAL, UM-MF (COLS./100 ML)	COLOR (PLAT-INUM COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	HARD-NESS TOTAL (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM DIS-SOLVED (MG/L AS MG)	SODIUM DIS-SOLVED (MG/L AS NA)
JAN										
11...	0930	6.70	<1	--	5	<0.70	<2.0	--	--	--
11...	0939	--	--	--	--	--	14	4.3	0.90	1.3

		SODIUM AD- SORP- TION RATIO	SODIUM (MG/L AS K)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	SOLIDS, DIS- SOLVED (TONS PER AC-FT)
DATE	TIME	SODIUM PERCENT (00932)	(00931)	(00935)	(00410)	(00945)	(00940)	(70301)	(70303)
JAN 11...	0939	15	0.1	0.80	12	3.7	1.6	20	0.03

WHITE RIVER BASIN

07075900 GREERS FERRY LAKE NEAR HEBER SPRINGS--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

		NITRO- GEN, NITRITE (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)			
JAN												
11...		0931	--	--	--	--	--	0.500	<0.100			
11...		0939	<0.010	0.090	0.010	<0.20	0.040	<0.010	--			
DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	
MAR												
23...	1229	80513	0.0	156	38	6.9	755	14.5	10.9	109	6.40	
23...	1230	80513	10.2	156	38	6.9	755	14.5	10.7	106	--	
23...	1231	80513	20.1	156	38	6.9	755	13.0	10.8	103	--	
23...	1233	80513	30.1	156	38	6.9	755	10.5	11.1	101	--	
23...	1234	80513	40.0	156	38	6.9	755	9.5	11.2	99	--	
23...	1235	80513	50.0	156	37	6.9	755	9.0	11.1	96	--	
23...	1236	80513	60.2	156	38	6.9	755	8.5	11.0	95	--	
23...	1237	80513	70.2	156	38	6.8	755	8.0	10.9	93	--	
23...	1238	80513	79.9	156	38	6.8	755	8.0	10.7	91	--	
23...	1239	80513	90.1	156	38	6.8	755	7.5	10.6	89	--	
23...	1240	80513	100	156	38	6.7	755	7.5	10.6	89	--	
23...	1241	80513	110	156	38	6.7	755	7.5	10.6	89	--	
23...	1242	80513	120	156	38	6.7	755	7.5	10.5	88	--	
23...	1243	80513	130	156	38	6.7	755	7.5	10.5	88	--	
23...	1244	80513	140	156	38	6.6	755	7.0	10.2	86	--	
23...	1245	80513	150	156	38	6.6	755	7.0	10.2	85	--	
23...	1246	80513	156	156	38	6.6	755	7.0	10.1	85	--	
DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
MAY												
17...	0803	80513	80513	0.0	160	39	6.8	744				
17...	0804	80513	81213	3.00	160	39	6.8	744				
17...	0806	80513	81213	80.0	160	39	6.7	744				
OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)												
TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)												
COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)												
COLOR (PLAT- INUM- COBALT UNITS) (00080)												
TUR- BID- ITY (NTU) (00076)												
DATE	TIME	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
MAY												
17...	0803	23.0	7.6	90	5.00	<1	--	--	--	--	--	
17...	0804	23.0	7.5	90	--	--	--	--	--	--	--	
17...	0806	9.5	8.7	78	--	--	--	--	<5	<0.50	--	
DATE	TIME	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)				
MAY												
17...	0804	--	--	--	--	--	0.900	0.800				
17...	0806	<2.0	<0.010	0.130	<0.020	<0.010	--	--				
DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	
JUL												
10...	1218	80513	0.0	149	38	6.7	760	29.5	7.7	101	4.60	
10...	1219	80513	10.0	149	38	6.9	760	29.0	7.8	101	--	
10...	1220	80513	18.1	149	38	7.1	760	27.5	8.2	104	--	
10...	1221	80513	19.9	149	38	7.2	760	27.0	8.2	103	--	
10...	1222	80513	26.9	149	37	7.4	760	25.0	9.1	111	--	
10...	1223	80513	30.1	149	37	7.5	760	23.0	9.3	109	--	
10...	1224	80513	33.9	149	37	7.5	760	22.0	9.2	105	--	
10...	1225	80513	37.0	149	37	7.4	760	21.0	9.1	102	--	
10...	1226	80513	40.1	149	37	7.4	760	19.5	8.7	96	--	
10...	1227	80513	42.0	149	37	7.3	760	18.5	8.4	90	--	
10...	1228	80513	46.1	149	37	7.3	760	17.5	7.9	83	--	
10...	1229	80513	50.1	149	37	7.2	760	16.5	7.6	78	--	
10...	1230	80513	52.9	149	37	7.2	760	15.5	7.2	73	--	
10...	1231	80513	59.1	149	37	7.1	760	14.0	6.6	65	--	
10...	1232	80513	60.1	149	38	7.1	760	14.0	6.6	64	--	
10...	1233	80513	67.0	149	38	7.0	760	12.0	6.7	63	--	
10...	1234	80513	69.8	149	38	7.0	760	11.5	6.9	63	--	
10...	1235	80513	79.9	149	38	7.0	760	10.0	7.4	66	--	
10...	1236	80513	90.0	149	38	7.1	760	9.5	7.7	67	--	
10...	1237	80513	100	149	38	7.3	760	9.0	7.9	68	--	
10...	1238	80513	110	149	38	7.1	760	8.5	7.6	66	--	
10...	1239	80513	120	149	39	7.1	760	8.5	7.4	63	--	
10...	1240	80513	130	149	39	7.0	760	8.0	7.2	61	--	
10...	1241	80513	140	149	39	7.0	760	8.0	7.1	60	--	
10...	1242	80513	149	149	39	7.0	760	8.0	7.0	59	--	

WHITE RIVER BASIN

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07075900 GREERS FERRY LAKE NEAR HEBER SPRINGS--CONTINUED
 WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
AUG											
16...	1014	80513	0.0	147	40	7.1	760	30.5	7.4	99	3.80
16...	1015	80513	10.1	147	40	7.2	760	30.5	7.4	99	---
16...	1016	80513	20.0	147	40	7.2	760	30.0	7.5	99	---
16...	1017	80513	24.0	147	40	7.2	760	29.0	7.5	98	---
16...	1019	80513	26.2	147	39	7.1	760	28.0	7.9	101	---
16...	1020	80513	26.8	147	39	7.2	760	27.5	8.1	104	---
16...	1021	80513	27.9	147	39	7.2	760	27.0	8.6	109	---
16...	1022	80513	29.0	147	39	7.4	760	26.0	9.0	111	---
16...	1024	80513	30.0	147	39	7.4	760	25.5	9.1	111	---
16...	1027	80513	30.8	147	38	7.3	760	24.5	9.0	108	---
16...	1029	80513	32.0	147	38	7.4	760	24.0	9.3	111	---
16...	1030	80513	33.3	147	38	7.1	760	23.0	8.7	102	---
16...	1031	80513	34.4	147	38	7.0	760	22.5	8.5	98	---
16...	1032	80513	34.8	147	38	6.9	760	22.0	8.4	96	---
16...	1033	80513	36.2	147	38	7.0	760	21.5	8.3	93	---
16...	1034	80513	38.0	147	38	6.8	760	20.5	7.8	86	---
16...	1036	80513	43.8	147	38	6.7	760	19.5	7.5	82	---
16...	1037	80513	45.2	147	38	6.7	760	18.0	6.8	73	---
16...	1039	80513	47.2	147	38	6.7	760	17.5	6.8	71	---
16...	1040	80513	50.1	147	38	6.7	760	16.5	6.4	66	---
16...	1041	80513	53.9	147	39	6.6	760	14.5	5.5	61	---
16...	1043	80513	58.2	147	39	6.6	760	13.5	5.5	54	---
16...	1044	80513	59.9	147	39	6.6	760	13.5	5.5	53	---
16...	1045	80513	67.0	147	39	6.6	760	12.5	5.6	53	---
16...	1046	80513	70.0	147	39	6.6	760	12.0	5.8	54	---
16...	1047	80513	78.9	147	39	6.7	760	10.5	6.3	56	---
16...	1049	80513	80.0	147	39	6.7	760	10.5	6.3	57	---
16...	1050	80513	90.0	147	39	6.7	760	9.5	6.7	59	---
16...	1051	80513	100	147	39	6.8	760	9.0	6.8	59	---
16...	1053	80513	110	147	40	6.7	760	8.5	6.5	56	---
16...	1054	80513	120	147	40	6.7	760	8.5	6.1	52	---
16...	1055	80513	130	147	41	6.6	760	8.0	5.8	50	---
16...	1056	80513	140	147	41	6.6	760	8.0	5.7	49	---
16...	1057	80513	147	147	41	6.7	760	8.0	5.6	48	---

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
AUG											
22...	1711	80513	80513	0.0	150	40	7.2	753	31.0	7.3	99
22...	1712	80513	81213	3.00	150	40	7.2	753	31.0	7.3	99
22...	1714	80513	81213	25.0	150	39	7.2	753	27.5	8.4	108
22...	1715	80513	81213	100	150	39	6.8	753	10.0	6.4	57

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	NITRO- GEN, NITRITE (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)
AUG											
22...	1711	6.40	K12	---	---	---	---	---	---	---	3.00
22...	1712	---	---	---	---	---	---	---	---	---	---
22...	1714	---	---	5	0.40	2.2	0.010	0.020	0.020	0.010	---
22...	1715	---	---	5	1.4	2.1	0.010	0.180	0.020	0.010	---

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
SEP											
18...	1147	80513	0.0	144	39	6.5	767	26.0	7.9	97	5.80
18...	1149	80513	10.1	144	39	7.1	767	26.0	8.0	97	---
18...	1150	80513	19.7	144	39	7.1	767	26.0	7.9	96	---
18...	1152	80513	30.1	144	39	7.0	767	25.5	7.7	93	---
18...	1153	80513	33.0	144	38	6.7	767	25.0	7.9	95	---
18...	1154	80513	34.0	144	38	6.6	767	23.5	7.9	93	---
18...	1155	80513	36.0	144	38	6.5	767	22.5	7.2	82	---
18...	1156	80513	37.9	144	38	6.4	767	21.0	6.5	72	---
18...	1157	80513	40.0	144	37	6.3	767	20.0	6.0	66	---
18...	1158	80513	41.9	144	37	6.2	767	19.0	5.5	59	---
18...	1159	80513	44.0	144	37	6.2	767	18.0	5.4	57	---
18...	1201	80513	47.8	144	37	6.3	767	17.0	4.9	50	---
18...	1202	80513	50.0	144	37	6.3	767	16.5	4.7	48	---
18...	1204	80513	53.5	144	38	6.4	767	15.5	4.6	46	---
18...	1205	80513	58.1	144	38	6.4	767	14.5	4.4	43	---
18...	1206	80513	59.9	144	38	6.4	767	14.0	4.4	42	---
18...	1208	80513	65.0	144	39	6.5	767	13.0	4.5	42	---
18...	1209	80513	70.0	144	39	6.5	767	12.5	4.5	42	---
18...	1210	80513	75.0	144	39	6.5	767	12.5	4.5	45	---
18...	1211	80513	80.0	144	38	6.5	767	11.0	4.3	48	---
18...	1212	80513	90.0	144	38	6.5	767	10.0	5.8	51	---
18...	1213	80513	100	144	38	6.6	767	9.5	5.8	50	---
18...	1214	80513	110	144	39	6.5	767	9.0	5.5	47	---
18...	1215	80513	120	144	39	6.5	767	8.5	4.9	42	---
18...	1216	80513	130	144	40	6.5	767	8.5	4.4	38	---
18...	1217	80513	140	144	40	6.5	767	8.5	4.3	37	---
18...	1218	80513	144	144	40	6.5	767	8.5	4.3	36	---

WHITE RIVER BASIN

07075900 GREERS FERRY LAKE NEAR HEBER SPRINGS--CONTINUED
 WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)
SEP											
28...	1249	80513	0.0	144	40	7.3	763	23.0	8.6	100	5.00
28...	1250	80513	10.0	144	40	7.2	763	22.5	8.5	98	---
28...	1251	80513	20.1	144	39	7.0	763	22.5	8.3	96	---
28...	1252	80513	30.1	144	39	7.0	763	22.5	8.1	93	---
28...	1253	80513	39.8	144	39	6.3	763	21.0	5.7	64	---
28...	1254	80513	41.1	144	39	6.2	763	20.0	5.7	63	---
28...	1255	80513	42.5	144	39	6.2	763	19.5	5.5	60	---
28...	1256	80513	44.0	144	39	6.2	763	18.5	4.9	53	---
28...	1257	80513	46.1	144	39	6.2	763	17.5	5.0	52	---
28...	1258	80513	50.0	144	39	6.2	763	16.5	4.4	45	---
28...	1259	80513	55.0	144	39	6.2	763	15.5	4.2	42	---
28...	1300	80513	60.2	144	40	6.2	763	14.5	4.1	41	---
28...	1301	80513	65.1	144	40	6.2	763	13.5	4.1	39	---
28...	1302	80513	70.7	144	40	6.2	763	12.5	4.3	40	---
28...	1303	80513	80.3	144	40	6.2	763	11.0	5.0	45	---
28...	1304	80513	90.1	144	40	6.3	763	10.0	5.3	49	---
28...	1305	80513	100	144	40	6.3	763	9.5	5.6	49	---
28...	1306	80513	110	144	40	6.3	763	9.0	5.4	46	---
28...	1307	80513	120	144	41	6.2	763	8.5	4.7	40	---
28...	1308	80513	130	144	41	6.2	763	8.5	4.2	36	---
28...	1309	80513	140	144	42	6.2	763	8.5	4.0	34	---
28...	1310	80513	144	144	42	6.3	763	8.5	3.9	33	---

07076000 LITTLE RED RIVER NEAR HEBER SPRINGS

LOCATION.--Lat 35°31'02", long 91°59'50", in NE1/4 sec.7, T.10 N., R.9 W., Cleburne County, Hydrologic Unit 11010014, on right bank 1,600 ft downstream from Greers Ferry Dam, 3.0 mi northeast of Heber Springs, and at mile 78.8.

DRAINAGE AREA.--1,153 mi².

PERIOD OF RECORD.--November 1949 to September 1952, water years 1955-71, December 1973 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: November 1949 to September 1952, water years 1968-71, May 1991 to current year.

DISSOLVED OXYGEN: May 1991 to current year.

REMARKS.--Flow regulated by Greers Ferry Lake.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
OCT										
11...	1208	80513	80513	43	7.1	758	13.5	14.2	136	--
19...	1309	80513	80513	40	6.1	756	9.5	7.0	62	--
31...	1242	80513	80513	42	7.0	749	11.5	12.4	116	--
NOV										
14...	1013	80513	80513	46	5.9	760	9.5	7.7	68	--
DEC										
05...	1056	80513	80513	68	7.1	764	11.5	11.8	108	--
JAN										
11...	1025	80513	81213	41	6.3	747	9.0	6.6	59	K6
MAR										
23...	1207	80513	80513	38	6.6	759	8.0	11.3	96	--
MAY										
17...	0838	80513	81213	40	6.5	749	8.5	9.6	84	K2
JUL										
10...	1309	80513	80513	39	7.0	760	13.0	10.1	96	--
AUG										
16...	1118	80513	80513	41	7.0	760	12.5	9.6	90	--
22...	1644	80513	81213	40	6.7	758	10.5	8.3	75	K7
SEP										
18...	1238	80513	80513	40	8.6	770	15.5	12.9	128	--
28...	1229	80513	80513	41	6.4	765	11.5	8.9	81	--

DATE	TIME	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
JAN									
11...	1025	<5	1.7	<2.0	16	4.9	1.0	1.3	14
MAY									
17...	0838	<5	<0.90	<2.0	16	4.6	1.0	1.3	14
AUG									
22...	1644	5	1.4	3.1	16	4.8	1.0	1.2	13

DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00615)
JAN ...									
11...	1025	0.1	0.80	18	3.7	1.6	24	0.03	<0.010
MAY ...									
17...	0838	0.1	0.90	--	3.8	2.0	--	--	<0.010
AUG									
22...	1644	0.1	0.90	--	3.9	1.9	--	--	0.010

DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)
JAN ...									
11...	1025	0.200	0.020	--	<0.20	0.020	<0.010	30	<1
MAY ...									
17...	0838	0.140	0.010	--	<0.20	<0.020	0.010	20	<1
AUG									
22...	1644	0.190	0.010	0.19	0.20	0.020	0.010	60	<1

DATE	TIME	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
JAN ...									
11...	1025	<1	1	90	<1	410	<0.10	1	7
MAY ...									
17...	0838	<1	<1	50	<1	18	<0.10	<1	<4
AUG									
22...	1644	<1	<1	90	<1	57	0.20	<1	70

07076000 LITTLE RED RIVER NEAR HEBER SPRINGS--CONTINUED

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	9.3	7.5	8.2	7.5	6.5	6.9	7.1	4.3	6.0	8.2	4.9	6.4
2	9.6	7.2	8.2	7.7	6.5	6.9	7.6	4.4	5.9	7.3	5.4	6.3
3	9.8	7.6	8.5	7.2	6.3	6.6	7.7	5.2	6.0	---	---	---
4	9.7	6.6	8.3	8.6	6.2	7.1	7.7	4.3	5.6	---	---	---
5	9.7	7.7	8.6	8.6	6.6	7.7	6.5	5.2	5.7	---	---	---
6	9.8	6.6	8.4	7.3	6.4	6.8	7.1	4.1	5.9	---	---	---
7	12.1	7.7	9.8	8.2	6.4	7.1	7.5	5.3	6.2	---	---	---
8	9.6	7.8	8.6	8.7	5.3	7.2	7.8	5.7	6.6	---	---	---
9	9.9	7.8	8.7	7.9	5.1	6.5	7.9	4.4	5.2	---	---	---
10	9.3	7.3	8.4	7.1	6.3	6.7	7.6	4.2	5.6	---	---	---
11	8.7	6.7	8.0	7.1	6.2	6.6	7.4	4.8	6.1	---	---	---
12	9.5	7.7	8.3	6.9	6.1	6.4	7.7	4.8	5.5	---	---	---
13	9.7	7.8	8.9	7.2	6.0	6.5	6.3	4.9	5.2	---	---	---
14	9.3	6.3	8.3	8.5	5.2	7.0	7.6	4.8	5.3	---	---	---
15	9.4	7.4	8.5	9.0	5.1	7.3	7.5	5.0	5.2	---	---	---
16	9.1	7.3	7.9	8.2	4.8	6.6	5.5	5.2	5.3	---	---	---
17	9.5	6.3	8.3	7.0	4.7	6.4	5.8	5.5	5.7	---	---	---
18	9.1	6.1	7.6	7.6	5.1	6.4	6.1	5.7	6.0	---	---	---
19	9.1	5.8	7.4	7.8	4.6	6.6	8.1	5.9	6.9	---	---	---
20	9.1	5.8	7.7	7.9	6.0	6.7	8.2	6.1	7.7	---	---	---
21	9.0	5.7	7.9	8.4	5.2	7.2	8.2	6.0	7.4	---	---	---
22	8.2	6.8	7.5	7.4	4.8	6.3	8.3	6.2	7.6	---	---	---
23	7.6	6.6	7.1	8.1	5.7	6.6	9.0	6.0	7.5	---	---	---
24	9.5	6.3	7.6	7.6	5.7	6.6	8.0	5.8	6.1	---	---	---
25	9.0	5.5	7.6	7.8	5.6	6.4	8.5	6.3	7.8	---	---	---
26	8.4	5.6	7.4	8.2	4.4	7.0	9.1	6.0	7.7	---	---	---
27	9.1	6.3	7.7	7.8	5.6	7.0	7.7	5.3	6.7	---	---	---
28	9.0	6.6	7.7	7.5	5.9	6.6	9.7	4.8	7.3	---	---	---
29	7.6	6.4	6.9	7.1	4.4	6.3	9.5	4.7	6.3	---	---	---
30	7.5	6.3	6.7	7.7	4.3	6.2	7.4	5.1	5.8	---	---	---
31	11.2	6.2	7.0	---	---	---	7.1	4.3	5.4	---	---	---
MONTH	12.1	5.5	8.0	9.0	4.3	6.7	9.7	4.1	6.2	---	---	---
JUNE			JULY			AUGUST			SEPTEMBER			
1	---	---	---	13.9	10.4	12.6	8.9	6.2	7.9	10.0	5.9	8.1
2	14.1	13.6	13.8	12.6	10.4	11.8	8.5	6.1	7.6	9.1	5.8	7.4
3	14.2	13.8	14.1	13.3	10.0	11.8	8.8	6.2	7.8	9.1	7.1	8.0
4	17.1	14.1	14.8	12.4	9.5	11.1	10.1	6.6	8.3	9.6	6.3	8.3
5	14.6	14.3	14.4	11.8	9.4	10.2	9.3	6.3	7.9	9.1	6.0	7.7
6	---	---	---	11.4	9.4	10.3	9.5	6.3	7.9	9.7	5.9	7.6
7	12.5	10.2	11.1	12.5	9.6	10.7	9.0	6.3	8.0	9.9	6.2	8.1
8	12.6	10.1	11.2	11.7	10.1	10.8	9.0	6.3	8.1	9.8	7.3	8.3
9	12.4	9.9	11.1	12.7	10.5	11.5	10.5	6.3	8.0	9.4	6.1	8.0
10	12.6	9.8	11.2	13.5	10.4	11.7	8.6	6.1	8.0	9.5	6.2	7.9
11	12.4	9.8	10.9	12.6	9.7	11.0	9.0	6.2	7.5	9.4	7.1	8.1
12	12.3	9.4	10.7	12.2	9.6	11.1	---	---	---	9.5	6.2	8.2
13	12.0	9.3	10.4	12.4	8.7	10.6	10.3	6.4	8.4	9.2	6.1	7.7
14	12.0	9.3	10.9	---	---	---	---	---	---	9.4	6.1	7.5
15	11.6	8.2	9.8	---	---	---	---	---	---	9.8	6.4	8.3
16	10.8	8.3	9.7	---	---	---	---	---	---	9.8	8.0	8.8
17	10.3	8.1	9.1	---	---	---	---	---	---	8.6	6.2	7.7
18	9.8	8.1	8.8	---	---	---	---	---	---	8.4	5.7	7.6
19	9.9	8.1	8.6	---	---	---	---	---	---	9.4	5.6	7.7
20	10.6	8.1	9.3	---	---	---	---	---	---	9.0	6.9	7.7
21	---	---	---	---	---	---	---	---	---	9.7	6.8	7.9
22	---	---	---	---	---	---	---	---	---	8.8	5.3	7.5
23	---	---	---	---	---	---	10.6	7.2	8.3	8.2	4.8	6.8
24	---	---	---	---	---	---	9.1	6.3	7.8	9.0	4.8	6.8
25	---	---	---	---	---	---	8.4	5.8	7.0	8.5	5.5	7.0
26	---	---	---	12.9	11.0	12.3	10.6	7.2	8.6	7.3	4.6	6.2
27	---	---	---	---	---	---	10.0	5.9	8.3	7.6	4.4	6.3
28	---	---	---	10.1	6.0	7.8	9.7	7.3	8.5	---	---	---
29	---	---	---	8.7	6.6	7.9	9.6	7.4	8.4	8.7	5.3	7.1
30	15.5	12.0	13.7	8.4	6.0	7.1	10.8	5.8	8.0	9.2	6.5	7.7
31	---	---	---	8.8	6.3	7.8	8.9	5.8	7.5	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

WHITE RIVER BASIN

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07076000 LITTLE RED RIVER NEAR HEBER SPRINGS--CONTINUED
WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	9.1	7.0	7.6	8.3	6.6	7.2	9.1	7.3	8.3	9.0	7.7	8.6
2	10.4	7.0	8.0	8.6	6.7	7.5	8.8	7.0	7.9	9.0	7.6	8.5
3	7.9	7.0	7.4	8.7	7.5	7.9	8.6	7.3	7.9	---	---	---
4	9.6	6.9	7.6	8.9	7.5	8.0	8.7	7.5	8.1	---	---	---
5	9.6	6.9	7.6	10.8	7.3	9.1	8.6	7.7	8.1	---	---	---
6	10.0	6.8	7.8	9.0	6.9	7.6	8.5	7.6	8.0	---	---	---
7	9.4	6.9	7.7	9.2	6.8	7.6	8.6	7.7	8.1	---	---	---
8	8.1	7.1	7.4	8.2	6.9	7.5	8.3	7.3	7.7	---	---	---
9	9.4	6.7	7.5	8.3	7.5	7.9	8.9	7.5	8.4	---	---	---
10	8.9	6.6	7.5	7.8	7.1	7.3	9.4	8.2	8.8	---	---	---
11	9.3	6.6	7.6	8.0	7.2	7.5	9.1	7.1	8.7	---	---	---
12	7.9	7.1	7.5	7.7	7.2	7.4	9.3	7.4	8.7	---	---	---
13	7.6	7.1	7.4	8.3	7.2	7.6	9.3	7.7	9.0	---	---	---
14	8.3	7.1	7.8	8.1	7.3	7.7	9.2	7.4	8.6	---	---	---
15	8.1	7.2	7.6	8.7	7.5	8.0	9.3	8.8	9.2	---	---	---
16	8.0	7.2	7.6	8.2	7.3	7.8	9.4	9.2	9.3	---	---	---
17	7.9	7.2	7.6	8.4	7.4	7.9	9.6	9.4	9.5	---	---	---
18	8.0	7.3	7.7	9.4	7.4	8.0	9.6	9.5	9.6	---	---	---
19	8.2	7.4	8.0	8.5	7.5	8.0	9.6	9.3	9.5	---	---	---
20	8.2	7.2	7.8	8.4	7.3	7.9	9.5	9.3	9.3	---	---	---
21	8.3	7.2	7.8	8.6	7.1	7.8	9.5	9.3	9.4	---	---	---
22	9.9	7.3	8.2	8.5	7.0	7.5	9.6	9.3	9.4	---	---	---
23	9.2	6.9	7.7	8.4	7.0	7.8	9.5	9.3	9.4	---	---	---
24	8.5	6.8	7.6	8.6	7.0	7.7	9.5	9.3	9.3	---	---	---
25	8.2	6.8	7.5	8.2	7.3	7.8	9.5	9.3	9.4	---	---	---
26	8.8	6.7	7.5	8.3	7.5	7.9	9.4	8.3	9.2	---	---	---
27	9.0	6.5	7.6	9.5	8.0	8.7	9.4	7.9	9.0	---	---	---
28	9.1	6.6	7.7	9.0	7.1	8.1	9.2	8.0	8.8	---	---	---
29	9.2	6.6	7.5	8.7	7.0	7.9	9.0	7.9	8.4	---	---	---
30	9.3	6.7	7.6	9.1	6.9	8.1	8.9	7.7	8.4	---	---	---
31	10.4	6.8	7.4	---	---	---	8.9	8.0	8.5	---	---	---
MONTH	10.4	6.5	7.6	10.8	6.6	7.8	9.6	7.0	8.8	---	---	---
JUNE			JULY			AUGUST			SEPTEMBER			
1	---	---	---	9.2	8.4	8.7	9.8	8.7	9.0	11.8	9.0	9.7
2	---	---	---	11.4	8.4	9.7	9.4	8.6	8.9	9.9	8.5	9.2
3	---	---	---	10.6	8.5	9.2	9.5	8.5	8.9	11.2	8.6	9.3
4	---	---	---	11.6	8.5	9.7	9.3	8.8	9.0	9.7	8.7	9.2
5	---	---	---	10.5	8.4	9.1	9.8	8.9	9.2	11.1	8.7	9.3
6	---	---	---	12.1	8.7	9.4	12.0	8.5	9.1	11.7	8.1	9.3
7	---	---	---	8.9	8.4	8.7	9.6	8.6	9.1	11.6	8.7	9.6
8	---	---	---	12.3	8.4	10.1	12.0	9.0	9.6	10.3	9.0	9.4
9	8.3	6.4	7.6	11.8	8.6	9.1	9.8	9.1	9.3	9.7	8.7	9.2
10	---	---	---	10.8	8.5	8.9	11.7	9.1	9.8	12.2	8.8	9.8
11	---	---	---	9.0	8.5	8.7	10.9	9.1	9.5	11.8	8.4	9.5
12	---	---	---	11.7	8.5	9.2	12.4	9.0	9.8	9.6	8.7	9.2
13	8.6	6.4	7.8	11.4	8.5	9.2	10.6	8.9	9.3	10.0	8.7	9.3
14	---	---	---	---	---	---	12.1	8.9	9.6	11.5	8.7	9.4
15	---	---	---	---	---	---	9.4	9.0	9.2	10.0	8.7	9.2
16	9.0	8.6	8.9	---	---	---	10.6	8.9	9.3	9.8	8.8	9.3
17	9.3	8.7	9.0	---	---	---	11.2	9.0	9.5	10.4	8.6	9.3
18	9.2	8.7	8.9	---	---	---	9.7	9.0	9.3	10.8	8.4	9.1
19	9.2	8.7	9.0	---	---	---	11.3	8.9	9.5	9.7	8.5	9.1
20	9.3	8.8	9.0	---	---	---	11.0	8.8	9.4	9.7	2.8	8.2
21	---	---	---	---	---	---	11.7	8.8	9.4	---	---	---
22	---	---	---	---	---	---	12.2	8.8	9.6	10.6	4.4	8.0
23	---	---	---	---	---	---	12.3	8.5	9.5	10.7	5.1	9.0
24	---	---	---	---	---	---	10.6	8.4	9.1	---	---	---
25	---	---	---	---	---	---	9.5	8.7	9.2	9.5	7.1	8.5
26	---	---	---	---	---	---	12.0	8.7	9.6	10.7	7.4	9.2
27	---	---	---	---	---	---	12.1	8.8	9.6	---	---	---
28	8.9	8.4	8.7	---	---	---	11.1	8.7	9.3	9.8	8.3	9.0
29	9.0	8.5	8.7	12.9	8.5	9.5	11.5	8.6	9.4	11.6	8.6	9.5
30	9.4	8.6	8.8	10.6	8.6	9.0	11.0	8.8	9.5	12.1	8.7	9.7
31	---	---	---	11.6	8.6	9.2	9.7	8.9	9.3	---	---	---
MONTH	---	---	---	---	---	---	12.4	8.4	9.3	---	---	---

WHITE RIVER BASIN

07076620 LITTLE RED RIVER NEAR SEARCY

LOCATION.--Lat 35°16'57", long 91°43'09", in NE1/4NE1/4 sec.35, T.8 N., R.7 W., White County, Hydrologic Unit 11010014, on right bank 0.8 mi upstream from lower dam, and 1.0 mi upstream from old Highway 67 bridge, 2.0 mi north of Searcy, and at mile 31.7.

DRAINAGE AREA.--1,648 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 171.77 ft above sea level. Since May 20, 1983, auxiliary water-stage recorder 6.5 mi downstream.

REMARKS.--Records fair, except for estimated daily discharges, which are poor. Flow regulated since Mar. 30, 1962, by Greers Ferry Lake 47.1 mi upstream, capacity, 2,926,500 acre-ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	718	e150	e1500	e1400	389	2430	2370	4640	4140	2580	1610	1600
2	519	e150	e2000	e2500	397	2760	1640	7050	1960	1410	1740	764
3	1120	e150	e1500	e4300	303	3610	1390	4160	2670	1160	1980	1040
4	474	e400	e2900	e3500	.00	1980	649	3360	2520	1900	1880	479
5	475	e100	e1600	e1500	685	2700	757	4670	3670	1920	2880	465
6	401	e300	e800	e720	713	2170	856	4240	5820	1410	1060	667
7	564	e800	e1050	e1300	1270	3560	882	2550	2960	837	1700	736
8	593	e2400	e2500	e400	1480	8080	844	3990	3820	1250	3320	525
9	484	e2200	e4800	e380	815	6840	662	5340	3810	24	1640	315
10	753	e1600	e6000	e1000	964	5720	638	2900	3190	353	1190	513
11	345	e1200	e5000	e1200	.00	5610	5060	2230	2030	730	324	463
12	329	e950	e6500	e1900	834	5500	7670	2170	2920	811	1670	314
13	1600	e880	e5400	e2900	848	6180	5430	742	3040	390	1280	447
14	1560	e1900	e5000	e2700	603	6280	5070	3480	3370	985	758	585
15	1060	e1200	e12000	e2500	1740	3790	5000	3850	3070	1220	1140	943
16	495	e1800	e11000	e4300	819	2820	5610	4000	2480	57	2170	679
17	1400	e1100	e10000	e6000	628	4420	6300	4500	3340	507	2170	404
18	e6000	e1400	e8500	e8000	579	4850	5640	2810	3340	12	2000	769
19	e4700	e1700	e7400	12300	489	2500	4830	2070	3530	145	2580	1280
20	e3400	e860	e6000	8870	383	3130	6100	1160	4420	322	1500	900
21	e5200	e910	e6800	7410	317	3380	4180	844	3580	75	2110	213
22	e1000	e990	e6000	6860	459	2860	2760	312	4170	297	743	309
23	e500	e1400	e5100	6360	780	2440	4460	1770	4060	841	333	904
24	e1500	e500	e4800	6450	433	2270	4360	1940	3530	1060	278	770
25	e4500	e1000	e5800	6700	1060	2780	4320	4080	226	1990	1060	283
26	e1000	e1300	e4500	2370	1410	1810	5810	3100	786	1050	2250	407
27	e1300	e1200	e3000	4560	2320	3930	5020	2610	2030	788	481	1170
28	e600	e600	e2200	3940	2160	2290	2060	497	3430	1750	919	696
29	e200	e850	e1500	2730	---	1640	1220	605	3080	1990	1260	856
30	e150	e1200	e1300	3120	---	3940	3700	1100	3420	254	1080	609
31	e150	---	e1600	1360	---	1920	---	2510	---	2800	1400	---
TOTAL	43090	31190	144050	119530	22878.00	114190	105288	89280	94412	30918	46506	20105
MEAN	1390	1040	4647	3856	817	3684	3510	2880	3147	997	1500	670
MAX	6000	2400	12000	12300	2320	8080	7670	7050	5820	2800	3320	1600
MIN	150	100	800	380	.00	1640	638	312	226	12	278	213
AC-FT	85470	61870	285700	237100	45380	226500	208800	177100	187300	61330	92240	39880

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1983 - 1995, BY WATER YEAR (WY)

	998	1430	3453	3837	4291	4670	4246	2726	2189	1815	1367	774
MEAN	998	1430	3453	3837	4291	4670	4246	2726	2189	1815	1367	774
MAX	2668	2813	7829	7526	8764	8195	6600	5116	3921	4968	3569	1988
(WY)	1985	1989	1992	1985	1985	1990	1991	1990	1990	1990	1985	1985
MIN	165	211	209	755	817	2477	2096	506	641	542	366	250
(WY)	1984	1990	1987	1984	1995	1991	1987	1988	1987	1989	1989	1987

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1983 - 1995

ANNUAL TOTAL	933568	861437.00	
ANNUAL MEAN	2558	2360	2614
HIGHEST ANNUAL MEAN			3881
LOWEST ANNUAL MEAN			1531
HIGHEST DAILY MEAN	13100	Jan 27	28400
LOWEST DAILY MEAN	100	Nov 5	.00
ANNUAL SEVEN-DAY MINIMUM	179	Oct 30	.00
INSTANTANEOUS PEAK FLOW			13500
INSTANTANEOUS PEAK STAGE			27.16
INSTANTANEOUS LOW FLOW			a.00
ANNUAL RUNOFF (AC-FT)	1852000	1709000	1894000
10 PERCENT EXCEEDS	6420	5460	6290
50 PERCENT EXCEEDS	1500	1640	1640
90 PERCENT EXCEEDS	454	390	224

^aCaused by backwater from White River

^eEstimated

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LOCATION.--Lat 34°47'25", long 91°26'45", in SE1/4 sec.17, T.2 N., R.4 W., Prairie County, Hydrologic Unit 08020301, near center of span on downstream side of bridge on U.S. Highway 70, 1.0 mi northeast of DeValls Bluff, 7.5 mi downstream from Wattensaw Bayou, 24.1 mi upstream from Cache River, and at mile 125.3.

PERIOD OF RECORD.--October 1927 to September 1945 (large part of floodflow above station overflowed into Cache River and was not included in the records), October 1949 to September 1970, October 1988 to current year. Monthly discharge only for some periods, published in WSP 1311. Daily stages for the period October 1970 to date published in reports of U.S. Army Corps of Engineers.

REMARKS.--Records good. Some regulation since 1943 by Norfolk Lake, capacity, 1,983,000 acre-ft, since 1948 by Clearwater Lake (Missouri), capacity, 413,700 acre-ft, since July 24, 1951, by Bull Shoals Lake, capacity, 5,408,000 acre-ft, since Sept. 9, 1956, by Table Rock Lake (Missouri), capacity, 3,567,500 acre-ft, since Mar. 30, 1962, by Greers Ferry Lake, capacity, 2,926,500 acre-ft, and since Dec. 26, 1963, by Beaver Lake, capacity, 1,951,500 acre-ft. Satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 23, 1927 reached a stage of 34.6 ft. Flood of Feb. 3, 1949, reached a stage of 31.35 ft, discharge, 220,000 ft³/s by current-meter measurement, furnished by U.S. Army Corps of Engineers.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10400	10300	38000	36500	50500	30000	38300	34900	31800	31100	28200	22700
2	11000	10100	37700	34300	49600	29100	38300	35900	32100	31200	28200	22300
3	11900	9620	37800	31900	48600	29900	37900	37200	32200	30700	28200	21000
4	12500	e9200	38100	29600	47500	31800	36500	38500	32100	30200	28300	19200
5	12600	e10000	37800	28000	46400	33200	33400	39600	32000	30600	28500	17000
6	12300	e18000	37100	27800	45100	34100	29800	40600	32000	31000	28900	15100
7	11900	e21000	35900	29100	44100	34900	27400	41500	32600	31100	29100	13900
8	11500	25400	34400	29800	43300	36300	26100	42400	32800	31000	29100	13500
9	11600	30600	34300	29400	42600	37500	25500	42900	32700	30500	29600	13800
10	11500	33400	37400	28400	42100	38800	24600	43600	32500	29300	30000	14000
11	11100	35500	40800	26900	41500	39900	27300	44400	32100	28300	30200	13500
12	10700	36700	43100	25200	40500	40700	31800	45100	31800	27800	29100	12600
13	10300	37700	45100	23800	38800	41400	34400	45800	31600	27700	27800	11600
14	9950	38700	47300	22900	36700	42100	35900	46500	31400	27700	27000	e10800
15	10500	39500	49000	22200	35500	42800	36900	47200	31700	27700	26900	e11600
16	11400	40100	50700	24400	35100	43100	37400	47700	32000	28000	27200	e13300
17	11700	40700	52500	29800	34800	43200	37400	48100	31900	28200	27800	e14000
18	11700	41200	54100	35000	34700	43100	36900	48100	31500	28400	28100	e14200
19	11700	41800	55400	39900	35000	43100	36000	47900	30800	28300	28300	e14500
20	11900	42200	56400	42400	35400	43000	34900	47000	30100	28000	28500	e14400
21	12700	42800	57000	43700	35700	42800	34200	45300	29700	28000	28500	e13500
22	13200	43000	55100	45400	35400	42400	33300	43100	29600	28000	28500	e13200
23	13600	42900	54100	46800	34800	41800	32700	41300	30100	28000	28300	e13700
24	13500	42300	52800	47900	34000	41200	33100	39300	30800	28100	27900	e14200
25	12900	41400	51300	48800	33000	40400	33700	37600	31300	28000	27500	e14500
26	12200	40400	49600	49600	31900	39700	34100	36500	31000	28300	27000	e14400
27	11700	39300	48100	50300	31600	39400	34700	35600	30400	28400	26200	e13900
28	11200	38900	46400	50800	31500	39300	35100	34600	30200	28300	24700	13400
29	10700	39000	43900	51200	---	38500	34800	33400	30600	28300	23400	13000
30	10400	38600	41400	51200	---	37800	34500	32400	30800	28500	23000	13400
31	10300	---	38900	51000	---	38100	---	31900	---	28300	22800	---</

MEAN	12140	16440	24550	32370	38090	40900	43290	44200	27220	20400	16330	13150
MAX	30100	48890	67180	110000	107100	73060	75360	90730	73590	48560	48900	36450
(WY)	1950	1958	1952	1950	1950	1989	1957	1957	1957	1951	1957	1950
MIN	3715	3831	5260	6042	7974	14050	13230	10840	10110	7822	7112	4276
(WY)	1955	1955	1955	1964	1964	1954	1963	1963	1964	1954	1954	1954

ANNUAL TOTAL	13192270		11590470				
ANNUAL MEAN	36140		31750			27370	
HIGHEST ANNUAL MEAN						51270	1950
LOWEST ANNUAL MEAN						12230	1963
HIGHEST DAILY MEAN	76000	Mar 30	57000	Dec 21		154000	Jan 19 1950
LOWEST DAILY MEAN	9200	Nov 4	9200	Nov 4		3230	Sep 29 1954
ANNUAL SEVEN-DAY MINIMUM	9990	Oct 30	9990	Oct 30		3290	Sep 26 1954
INSTANTANEOUS PEAK FLOW			57300	Dec 21		154000	a Jan 19 1950
INSTANTANEOUS PEAK STAGE			21.92	Dec 21		28.42	b Jan 20 1950
INSTANTANEOUS LOW FLOW			9040	Sep 27		3230	c Sep 29 1954
ANNUAL RUNOFF (AC-FT)	26170000		22990000			19830000	
10 PERCENT EXCEEDS	58800		46000			55100	
50 PERCENT EXCEEDS	37800		32000			20700	
90 PERCENT EXCEEDS	12500		12800			7940	

^eEstimated

WHITE RIVER BASIN

07077380 CACHE RIVER AT EGYPT

LOCATION.--Lat 35°51'28", long 90°56'00", in NW1/4SE1/4 sec.12, T.14 N., R.1 E., Craighead County, Hydrologic Unit 08020302, on right bank on downstream side of bridge on State Highway 91, 1.0 mi southeast of Egypt, 2.2 mi northwest of Winesburg, and at mile 143.

DRAINAGE AREA.--701 mi².

PERIOD OF RECORD.--October 1964 to current year. Daily stages and results of discharge measurements for July 1937 to December 1940, and December 1944 to date are published in reports of U.S. Army Corps of Engineers.

REVISED RECORDS.--WRD Ark. 1972: 1966. WRD Ark. 1973: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 222.99 ft above sea level (levels by U.S. Army Corps of Engineers).

REMARKS.--Records fair, except for estimated daily discharges which are poor. Satellite telemeter at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e50	2.8	1660	221	551	185	41	3530	64	695	324	257
2	e40	2.1	1140	170	428	127	33	4120	98	507	360	281
3	e30	1.3	662	129	352	95	27	4160	99	409	408	259
4	e22	e2.1	367	99	314	80	25	4060	77	1250	413	320
5	e18	e700	244	65	218	67	21	3880	58	2130	584	513
6	e16	2660	169	225	153	69	18	3640	61	2680	791	515
7	e14	2920	125	709	151	1090	18	3380	76	2330	1060	385
8	e12	2900	206	762	164	2570	21	2980	e83	1200	1070	292
9	e10	2760	2900	540	111	2670	17	2450	e95	776	747	231
10	e9.0	2630	3990	410	91	2030	14	1890	e110	1050	536	193
11	e8.0	2150	4190	344	83	911	22	1400	378	1080	496	163
12	e7.5	1500	4200	320	69	430	25	1000	990	702	379	129
13	e7.0	903	4110	301	61	306	18	605	1400	384	319	103
14	e8.0	537	3990	745	65	237	15	358	845	285	286	99
15	e9.0	1800	3810	657	1230	208	14	458	393	274	258	80
16	e10	2460	3690	335	2480	159	11	390	207	332	241	718
17	e8.0	2180	3630	413	2790	148	9.5	216	129	297	252	2570
18	e7.0	1400	3410	2930	2600	127	59	112	95	444	278	2740
19	e6.0	597	2830	e3300	2060	124	216	336	68	467	323	2000
20	e6.0	347	1810	3790	1490	97	850	546	87	351	352	1030
21	e6.0	870	1060	3800	985	81	1050	288	457	571	401	537
22	e7.0	838	2050	3720	568	83	471	129	1020	839	410	371
23	e8.0	491	2570	3580	390	68	308	77	1210	778	367	260
24	e9.0	269	2480	3390	271	73	475	56	978	1870	367	164
25	e11	158	2150	3150	184	49	330	35	697	2870	378	101
26	e13	114	1750	2670	162	42	175	42	604	2980	375	65
27	12	1360	1380	2050	162	178	81	49	433	2690	344	47
28	7.8	2700	1060	e1400	215	319	45	50	419	1630	295	31
29	6.7	2450	711	e950	---	170	77	34	286	727	274	23
30	5.6	2080	445	e750	---	77	2040	24	407	582	244	18
31	3.8	---	307	e600	---	51	---	25	---	399	246	---
TOTAL	387.4	39782.3	63096	42525	18398	12921	6526.5	40320	11924	33579	13178	14495
MEAN	12.5	1326	2035	1372	657	417	218	1301	397	1083	425	483
MAX	50	2920	4200	3800	2790	2670	2040	4160	1400	2980	1070	2740
MIN	3.8	1.3	125	65	61	42	9.5	24	58	274	241	18
AC-FT	768	78910	125200	84350	36490	25630	12950	79970	23650	66600	26140	28750
CFSM	.02	1.89	2.90	1.96	.94	.59	.31	1.86	.57	1.55	.61	.69
IN.	.02	2.11	3.35	2.26	.98	.69	.35	2.14	.63	1.78	.70	.77

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 1995, BY WATER YEAR (WY)

	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
MEAN	352	765	1342	1331	1303	1166	1337	1141	474	410	349	460																			
MAX	2437	2882	3547	4249	3552	3481	4759	4256	1177	1528	1100	1637																			
(WY)	1985	1973	1983	1991	1989	1989	1979	1973	1989	1976	1975	1965																			
MIN	12.5	8.23	45.0	11.8	207	303	75.2	84.9	29.2	102	85.8	75.1																			
(WY)	1995	1990	1977	1981	1977	1982	1981	1987	1988	1968	1968	1971																			

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1965 - 1995

ANNUAL TOTAL	389731.7	297132.2	867
ANNUAL MEAN	1068	814	1762
HIGHEST ANNUAL MEAN			299
LOWEST ANNUAL MEAN			7940
HIGHEST DAILY MEAN	4200	Dec 12	4200
LOWEST DAILY MEAN	1.3	Nov 3	1.3
ANNUAL SEVEN-DAY MINIMUM	3.5	Oct 29	3.5
INSTANTANEOUS PEAK FLOW			4230
INSTANTANEOUS PEAK STAGE			18.24
INSTANTANEOUS LOW FLOW			.98
ANNUAL RUNOFF (AC-FT)	773000	589400	628200
ANNUAL RUNOFF (CFSM)	1.52	1.16	1.24
ANNUAL RUNOFF (INCHES)	20.68	15.77	16.81
10 PERCENT EXCEEDS	3090	2680	2710
50 PERCENT EXCEEDS	449	335	298
90 PERCENT EXCEEDS	66	18	40

WHITE RIVER BASIN

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07077500 CACHE RIVER AT PATTERSON

LOCATION.--Lat 35°16'10", long 91°14'15", in SE1/4 sec.31, T.8 N., R.2 W., Woodruff County, Hydrologic Unit 08020302, at bridge on U.S. Highway 64 at Patterson, 10.9 mi upstream from Maple Slough, and at mile 77.2.

DRAINAGE AREA.--1,037 mi².

PERIOD OF RECORD.--October 1952 to May 1955, October 1975 to current year.

REMARKS.--Discharge computed by U. S. Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST- CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)
OCT 12.	1045	80513	80020	22	359	7.8	16.5	5.1	53	110	140
NOV 01.	1245	80513	80020	22	341	7.9	14.0	6.9	66	14	K23
DEC 14.	1315	80513	80020	3930	78	7.3	5.0	10.7	82	460	--
JAN 25.	1130	80513	80020	3630	61	7.3	4.0	12.2	92	370	280
FEB 21.	1115	80513	80020	1790	76	7.1	7.0	10.4	84	410	270
MAR 14.	1025	80513	80020	1560	78	7.3	10.5	7.2	65	170	200
APR 18.	1100	80513	80020	61	125	7.5	20.0	4.6	51	130	140
MAY 17.	1015	80513	80020	1610	77	7.2	23.5	5.2	62	K100	84
JUN 27.	1100	80513	80020	729	272	7.6	25.0	5.6	67	290	290
JUL 25.	1020	80513	80020	932	313	7.7	27.5	5.1	64	150	93
AUG 09.	1100	80513	80020	816	332	7.8	28.0	6.1	77	200	180
SEP 13.	1045	80513	80020	339	442	7.8	22.5	6.1	70	100	100
DATE	TIME	STREP- TOCOCI FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT DIS TOT FET FIELD MG/L AS CACO3 (00418)
OCT 12.	1045	330	140	0	36	12	19	22	0.7	3.3	154
NOV 01.	1245	150	130	0	35	11	17	21	0.6	3.3	153
DEC 14.	1315	1900	25	0	5.8	2.5	5.0	27	0.4	3.5	26
JAN 25.	1130	1500	22	2	5.0	2.3	4.2	27	0.4	2.4	22
FEB 21.	1115	1100	23	2	5.5	2.3	5.0	29	0.5	2.6	23
MAR 14.	1025	480	22	0	5.1	2.2	5.3	32	0.5	2.4	23
APR 18.	1100	180	45	3	12	3.6	5.0	18	0.3	3.0	43
MAY 17.	1015	580	23	4	5.7	2.2	4.2	25	0.4	2.7	21
JUN 27.	1100	770	93	0	23	8.7	17	27	0.8	3.4	97
JUL 25.	1020	300	130	10	34	11	14	19	0.5	2.4	117
AUG 09.	1100	490	140	5	37	12	15	18	0.5	2.5	139
SEP 13.	1045	580	170	2	45	15	23	22	0.8	4.1	173
DATE	TIME	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)
OCT 12.	1045	0	189	155	8.1	12	0.20	21	202	206	12.2
NOV 01.	1245	0	188	154	7.5	12	0.20	21	196	200	11.4
DEC 14.	1315	0	31	25	4.9	4.2	<0.10	11	60	53	637
JAN 25.	1130	0	24	20	3.6	2.7	<0.10	15	46	49	451
FEB 21.	1115	0	26	22	5.5	3.1	0.10	8.4	64	49	309
MAR 14.	1025	0	27	22	6.2	2.9	<0.10	7.0	57	47	240
APR 18.	1100	0	51	42	7.3	3.9	0.10	12	86	74	14.2
MAY 17.	1015	0	24	20	5.6	3.3	<0.10	7.6	55	45	239
JUN 27.	1100	0	118	97	19	9.2	0.20	13	166	155	327
JUL 25.	1020	0	147	121	16	6.1	0.20	19	195	180	491
AUG 09.	1100	0	167	137	14	7.3	0.20	21	207	193	456
SEP 13.	1045	0	210	172	19	15	0.20	21	267	247	244

WHITE RIVER BASIN

07077500 CACHE RIVER AT PATTERSON--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)
OCT										
12.	1045	0.27	--	<0.010	0.060	0.060	0.050	0.55	0.25	0.60
NOV										
01.	1245	0.27	--	<0.010	--	<0.020	0.040	0.37	0.25	0.41
DEC										
14.	1315	0.08	--	<0.010	0.060	0.060	<0.015	0.80	--	0.80
JAN										
25.	1130	0.06	--	<0.010	0.120	0.120	0.030	0.97	0.37	1.0
FEB										
21.	1115	0.09	0.530	0.020	0.550	0.550	0.100	1.2	0.40	1.3
MAR										
14.	1025	0.08	--	<0.010	0.370	0.370	0.060	1.7	0.34	1.8
APR										
18.	1100	0.12	0.320	0.020	0.340	0.340	0.110	1.2	0.29	1.3
MAY										
17.	1015	0.08	0.330	0.010	0.340	0.340	0.070	0.93	0.33	1.0
JUN										
27.	1100	0.23	0.780	0.030	0.810	0.810	0.030	0.77	0.37	0.80
JUL										
25.	1020	0.27	0.920	0.040	0.960	0.960	0.060	0.64	0.34	0.70
AUG										
09.	1100	0.28	--	<0.010	0.250	0.250	0.020	0.58	0.28	0.60
SEP										
13.	1045	0.36	--	<0.010	0.150	0.150	<0.015	0.50	--	0.50
DATE	TIME	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ANTI- MONY, DIS- SOLVED (UG/L AS SB) (01095)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)
OCT										
12.	1045	0.30	0.150	0.060	0.060	10	<1	2	140	<1
NOV										
01.	1245	0.29	0.100	0.050	0.040	6	<1	1	130	<1
DEC										
14.	1315	0.30	0.200	0.050	0.050	170	<1	1	28	<1
JAN										
25.	1130	0.40	0.200	0.030	0.040	170	<1	<1	26	<1
FEB										
21.	1115	0.50	0.290	0.050	0.040	560	<1	1	38	<1
MAR										
14.	1025	0.40	0.450	0.030	0.030	410	<1	<1	28	<1
APR										
18.	1100	0.40	0.280	0.040	0.050	250	<1	1	70	<1
MAY										
17.	1015	0.40	0.270	0.060	0.070	310	<1	2	42	<1
JUN										
27.	1100	0.40	0.120	0.030	0.050	5	<1	1	100	<1
JUL										
25.	1020	0.40	0.100	0.060	0.050	20	<1	2	120	<1
AUG										
09.	1100	0.30	0.130	0.060	0.070	10	<1	2	120	<1
SEP										
13.	1045	0.40	0.120	0.080	0.080	3	<1	2	150	<1
DATE	TIME	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)
OCT										
12.	1045	<1.0	2	<1	2	19	<1	570	2	<1
NOV										
01.	1245	<1.0	<1	<1	2	13	<1	460	2	1
DEC										
14.	1315	<1.0	<1	<1	1	480	<1	5	<1	2
JAN										
25.	1130	<1.0	<1	<1	2	1200	<1	3	<1	<1
FEB										
21.	1115	<1.0	<1	<1	2	200	<1	15	<1	2
MAR										
14.	1025	<1.0	<1	<1	2	73	<1	6	<1	<1
APR										
18.	1100	<1.0	<1	<1	2	50	<1	210	<1	2
MAY										
17.	1015	<1.0	<1	<1	2	96	<1	10	<1	2
JUN										
27.	1100	<1.0	<1	<1	2	<3	<1	5	1	4
JUL										
25.	1020	<1.0	1	<1	2	35	<1	14	2	2
AUG										
09.	1100	<1.0	1	<1	2	20	<1	16	2	3
SEP										
13.	1045	<1.0	1	<1	1	<3	<1	2	2	<1

WHITE RIVER BASIN

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07077500 CACHE RIVER AT PATTERSON--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DIS- SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDE TOTAL (MG/L AS C) (00689)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. & FINER THAN .062 MM (70331)
OCT										
12.	1045	<1	<1.0	2	1.0	3.8	1.3	38	2.3	92
NOV										
01.	1245	<1	<1.0	2	1.0	4.0	1.0	29	1.7	76
DEC										
14.	1315	<1	<1.0	<1	<1.0	6.3	3.2	71	753	64
JAN										
25.	1130	<1	<1.0	<1	<1.0	9.0	0.6	84	823	96
FEB										
21.	1115	<1	<1.0	3	<1.0	6.2	3.5	150	725	98
MAR										
14.	1025	<1	<1.0	<1	<1.0	6.3	5.1	327	1380	100
APR										
18.	1100	<1	<1.0	2	<1.0	5.4	3.4	171	28	99
MAY										
17.	1015	<1	<1.0	2	<1.0	11	0.6	213	926	100
JUN										
27.	1100	<1	<1.0	<1	<1.0	--	--	121	238	95
JUL										
25.	1020	<1	<1.0	3	<1.0	--	--	75	189	90
AUG										
09.	1100	<1	<1.0	2	1.0	5.0	1.6	81	178	95
SEP										
13.	1045	<1	<1.0	1	2.0	3.6	0.8	84	77	100

WHITE RIVER BASIN

07077555 CACHE RIVER NEAR COTTON PLANT

LOCATION.--Lat 35°02'07", long 91°19'19", in SE1/4SW1/4 sec.21, T.5 N., R.3 W., Woodruff County, Hydrologic Unit 08020302, on left bank on downstream side of bridge on county road, 1.4 mi upstream from Roaring Slough, and 4.2 mi northwest of Cotton Plant.

DRAINAGE AREA.--1,172 mi², of which an estimated 20 mi² is probably noncontributing.

WATER-DISCHARGE RECORDS

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

REVISED RECORDS.--WRD ARKANSAS 1989: 1988(M).

GAGE.--Water-stage recorder. Datum of gage is 164.17 ft above sea level. Nonrecording gage Oct. 10, 1989 to Sept. 27, 1990 at same site and datum.

REMARKS.--No estimated daily discharges. Water-discharge records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	97	46	1220	2630	3750	1380	733	848	290	602	1230	294
2	108	49	1180	2500	3580	1250	670	970	276	627	1400	292
3	116	54	1240	2360	3400	1110	569	1020	259	635	1510	290
4	119	50	1410	2230	3200	962	457	1070	241	635	1550	282
5	116	46	1570	2080	3010	834	362	1140	241	661	1530	275
6	109	43	1670	1960	2780	723	294	1330	252	696	1470	264
7	98	39	1740	1840	2560	671	237	1650	240	726	1350	253
8	87	33	1780	1690	2360	637	194	1960	209	748	1180	247
9	78	35	1820	1550	2190	584	164	2230	189	800	1040	247
10	68	78	1870	1390	2010	529	145	2470	182	900	893	256
11	60	144	1900	1210	1840	494	424	2680	187	1030	800	268
12	57	230	1970	1070	1660	485	688	2850	177	1170	761	287
13	53	363	2090	941	1460	549	747	2970	167	1300	754	304
14	51	543	2270	849	1230	718	788	3010	171	1420	773	308
15	48	747	2590	807	1110	970	791	2950	175	1460	797	297
16	46	971	2970	783	972	1160	747	2840	194	1430	798	277
17	45	1150	3310	784	857	1280	665	2720	238	1370	772	245
18	43	1350	3560	951	754	1280	538	2610	309	1260	720	205
19	42	1460	3770	1320	671	1180	374	2480	400	1150	656	171
20	40	1440	4040	1640	606	1070	314	2320	481	1040	585	149
21	40	1450	4160	1940	595	937	425	2160	551	940	500	145
22	41	1470	4230	2230	704	788	464	1990	565	840	415	185
23	48	1510	4220	2530	909	649	511	1820	529	798	350	267
24	50	1550	4100	2870	1120	515	532	1660	459	776	308	396
25	48	1580	3900	3180	1320	398	524	1470	420	747	286	543
26	45	1580	3600	3430	1450	309	535	1200	374	733	282	665
27	43	1560	3340	3620	1500	368	580	963	339	735	285	767
28	40	1500	3140	3790	1480	484	620	773	362	770	285	812
29	35	1420	3010	3900	---	549	643	588	454	839	287	787
30	33	1310	2890	3930	---	641	703	408	549	939	289	712
31	38	---	2770	3880	---	724	---	295	---	1070	293	---
TOTAL	1942	23801	83330	65885	49078	24228	15438	55445	9480	28847	24149	10490
MEAN	62.6	793	2688	2125	1753	782	515	1789	316	931	779	350
MAX	119	1580	4230	3930	3750	1380	791	3010	565	1460	1550	812
MIN	33	33	1180	783	595	309	145	295	167	602	282	145
AC-FT	3850	47210	165300	130700	97350	48060	30620	110000	18800	57220	47900	20810
CFSM	.05	.68	2.29	1.81	1.50	.67	.44	1.53	.27	.79	.66	.30
IN.	.06	.76	2.64	2.09	1.56	.77	.49	1.76	.30	.92	.77	.33

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 1995, BY WATER YEAR (WY)

	MEAN	635	1101	2655	2844	2884	2290	1916	1338	615	729	554	468
MAX	2067	2626	4762	6779	5238	5759	3252	3595	1342	1413	953	748	
(WY)	1991	1992	1994	1991	1989	1989	1991	1991	1989	1994	1992	1991	
MIN	55.9	86.8	44.9	744	762	546	515	217	116	274	348	201	
(WY)	1988	1990	1990	1990	1992	1991	1995	1987	1988	1990	1990	1987	

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1987 - 1995

ANNUAL TOTAL	558413	392113	
ANNUAL MEAN	1530	1074	1515
HIGHEST ANNUAL MEAN			2356
LOWEST ANNUAL MEAN			998
HIGHEST DAILY MEAN	5570	Feb 3	9770
LOWEST DAILY MEAN	33	Oct 30	25
ANNUAL SEVEN-DAY MINIMUM	40	Oct 26	26
INSTANTANEOUS PEAK FLOW			9950
INSTANTANEOUS PEAK STAGE			a20.22
INSTANTANEOUS LOW FLOW			30
ANNUAL RUNOFF (AC-FT)	1108000	777800	1098000
ANNUAL RUNOFF (CFSM)	1.31	.92	1.29
ANNUAL RUNOFF (INCHES)	17.72	12.45	17.57
10 PERCENT EXCEEDS	3340	2700	3580
50 PERCENT EXCEEDS	1410	754	787
90 PERCENT EXCEEDS	96	104	136

^aFrom floodmark

WHITE RIVER BASIN

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07077555 CACHE RIVER NEAR COTTON PLANT--CONTINUED

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April 1987 to September 1990, November 1992 to June 1993, October 1994 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

		AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL /100 ML) (31633)
DATE	TIME										
OCT 13.	0815	80513	80020	56	340	7.9	15.5	6.7	68	88	64
NOV 02.	0815	80513	80020	48	315	7.9	13.0	8.1	77	110	110
DEC 15.	1000	80513	80020	2540	90	7.0	6.0	8.9	72	450	280
JAN 26.	0845	80513	80020	3510	70	7.2	4.5	10.4	79	340	220
FEB 22.	0915	80513	80020	690	106	7.2	9.0	8.9	76	190	77
MAR 15.	0715	80513	80020	925	99	7.5	13.5	7.2	69	1000	920
APR 19.	0915	80513	80020	385	108	7.2	20.5	5.1	56	140	130
MAY 18.	1015	80513	80020	2570	84	7.1	22.5	3.7	43	120	96
JUN 28.	0915	80513	80020	330	257	7.6	26.0	5.9	72	170	230
JUL 26.	0920	80513	80020	744	246	7.8	26.5	5.0	62	83	83
AUG 10.	0915	80513	80020	916	265	7.6	28.0	4.4	56	150	87
SEP 13.	1230	80513	80020	303	454	8.0	22.5	7.1	82	120	130
		STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	HARD-NESS TOTAL (MG/L AS CAC03) (00900)	HARD-NESS NONCARB DISSOLV FLD. AS CAC03 (MG/L) (00904)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	SODIUM PERCENT (00932)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKA-LINITY WAT DIS TOT FET FIELD (MG/L AS CAC03) (00418)
DATE	TIME										
OCT 13.	0815	120	140	0	37	12	17	20	0.6	3.0	153
NOV 02.	0815	110	130	0	35	11	12	16	0.5	2.4	149
DEC 15.	1000	2000	29	0	7.0	2.9	5.6	26	0.4	3.8	31
JAN 26.	0845	580	24	0	5.7	2.3	4.5	27	0.4	2.7	25
FEB 22.	0915	440	40	0	9.9	3.7	5.6	22	0.4	2.9	41
MAR 15.	0715	K580	31	0	7.7	2.9	5.9	27	0.5	2.8	32
APR 19.	0915	220	45	0	12	3.7	4.4	16	0.3	3.0	48
MAY 18.	1015	630	26	5	6.4	2.5	5.0	27	0.4	2.5	23
JUN 28.	0915	930	88	0	22	8.0	16	28	0.7	2.4	91
JUL 26.	0920	140	98	0	25	8.7	12	20	0.5	2.5	100
AUG 10.	0915	370	110	0	28	9.7	12	19	0.5	2.9	124
SEP 13.	1230	220	180	0	46	16	24	22	0.8	3.4	182
		CAR-BONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA-LINITY WAT DIS TOT IT FIELD (MG/L AS CAC03) (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)
DATE	TIME										
OCT 13.	0815	0	185	151	7.8	10	0.20	20	196	199	29.8
NOV 02.	0815	0	183	150	5.4	7.6	0.20	24	184	189	23.9
DEC 15.	1000	0	37	30	5.4	5.7	<0.10	10	76	59	521
JAN 26.	0845	0	29	24	3.8	3.2	<0.10	8.3	51	46	483
FEB 22.	0915	0	49	40	4.4	3.8	0.10	15	80	73	149
MAR 15.	0715	0	38	31	6.6	3.8	<0.10	8.3	69	59	172
APR 19.	0915	0	59	48	4.2	2.9	<0.10	8.8	75	70	78.0
MAY 18.	1015	0	26	21	6.3	3.8	<0.10	9.1	65	51	451
JUN 28.	0915	0	111	91	17	10	0.20	13	158	146	141
JUL 26.	0920	0	122	100	11	5.8	0.20	15	153	143	307
AUG 10.	0915	0	152	125	11	6.4	0.20	18	165	164	408
SEP 13.	1230	0	222	182	21	14	0.20	20	274	255	224

WHITE RIVER BASIN

07077555 CACHE RIVER NEAR COTTON PLANT--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)
OCT 13.	0815	0.27	--	<0.010	0.100	0.100	0.060	0.44	0.24	0.50
NOV 02.	0815	0.25	--	<0.010	--	<0.020	0.040	0.32	--	0.36
DEC 15.	1000	0.10	--	<0.010	--	<0.050	<0.015	0.80	--	0.80
JAN 26.	0845	0.07	--	<0.010	0.080	0.080	0.020	0.78	0.28	0.80
FEB 22.	0915	0.11	0.310	0.020	0.330	0.330	0.080	0.92	0.32	1.0
MAR 15.	0715	0.09	--	<0.010	0.330	0.330	0.040	1.3	0.36	1.3
APR 19.	0915	0.10	0.100	0.010	0.110	0.110	0.050	0.85	0.35	0.90
MAY 18.	1015	0.09	0.300	0.010	0.310	0.310	0.070	0.93	0.33	1.0
JUN 28.	0915	0.21	--	<0.010	0.570	0.570	0.020	0.78	0.28	0.80
JUL 26.	0920	0.21	--	<0.010	0.410	0.410	0.040	0.66	0.36	0.70
AUG 10.	0915	0.22	--	<0.010	0.170	0.170	0.020	0.58	0.28	0.60
SEP 13.	1230	0.37	--	<0.010	0.150	0.150	<0.015	0.50	--	0.50
DATE	TIME	NITRO- GEN, AM- MONIA + ORGANIC DIS- (MG/L AS N) (00623)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ANTI- MONY, DIS- SOLVED (UG/L AS SB) (01095)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)
OCT 13.	0815	0.30	0.120	0.040	0.040	7	<1	<1	140	<1
NOV 02.	0815	<0.20	0.110	0.050	0.040	5	<1	3	140	<1
DEC 15.	1000	0.30	0.190	0.080	0.070	430	<1	1	37	<1
JAN 26.	0845	0.30	0.200	0.040	0.040	280	<1	<1	34	<1
FEB 22.	0915	0.40	0.240	0.040	0.030	560	<1	1	53	<1
MAR 15.	0715	0.40	0.320	0.040	0.040	330	<1	<1	40	<1
APR 19.	0915	0.40	0.220	0.040	0.060	610	<1	2	67	<1
MAY 18.	1015	0.40	0.260	0.060	0.080	220	<1	2	41	<1
JUN 28.	0915	0.30	0.160	0.040	0.060	70	<1	<1	100	<1
JUL 26.	0920	0.40	0.140	0.060	0.070	30	<1	1	98	<1
AUG 10.	0915	0.30	0.140	0.060	0.060	30	<1	2	100	<1
SEP 13.	1230	0.30	0.120	0.090	0.080	4	<1	2	150	<1
DATE	TIME	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)
OCT 13.	0815	<1.0	2	<1	2	5	<1	570	2	<1
NOV 02.	0815	<1.0	<1	<1	1	13	<1	600	2	1
DEC 15.	1000	<1.0	1	<1	1	180	<1	16	<1	2
JAN 26.	0845	<1.0	<1	<1	2	210	<1	10	<1	1
FEB 22.	0915	<1.0	<1	<1	3	1000	<1	60	<1	2
MAR 15.	0715	<1.0	<1	<1	2	81	<1	23	<1	1
APR 19.	0915	<1.0	1	<1	1	200	<1	160	<1	2
MAY 18.	1015	<1.0	<1	<1	2	120	<1	62	<1	1
JUN 28.	0915	<1.0	<1	<1	2	58	<1	42	2	4
JUL 26.	0920	<1.0	1	<1	3	120	<1	64	2	2
AUG 10.	0915	<1.0	1	<1	2	150	<1	88	1	2
SEP 13.	1230	<1.0	2	<1	<1	<3	<1	53	2	<1

WHITE RIVER BASIN

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07077555 CACHE RIVER NEAR COTTON PLANT--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DIS- SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDE TOTAL (MG/L AS C) (00689)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT										
13.	0815	<1	<1.0	2	1.0	3.5	0.9	30	4.6	92
NOV										
02.	0815	<1	<1.0	1	<1.0	2.6	1.0	30	3.9	86
DEC										
15.	1000	<1	<1.0	3	<1.0	--	--	87	597	96
JAN										
26.	0845	<1	<1.0	3	<1.0	6.9	0.3	68	644	96
FEB										
22.	0915	<1	<1.0	3	<1.0	5.9	3.0	105	196	98
MAR										
15.	0715	<1	<1.0	<1	<1.0	8.4	2.6	195	487	99
APR										
19.	0915	<1	<1.0	2	<1.0	6.6	2.7	99	103	95
MAY										
18.	1015	<1	<1.0	2	<1.0	10	0.4	136	944	100
JUN										
28.	0915	<1	<1.0	2	<1.0	5.3	2.1	122	109	95
JUL										
26.	0920	<1	<1.0	11	<1.0	--	--	98	197	99
AUG										
10.	0915	<1	<1.0	7	<1.0	5.8	1.6	83	205	95
SEP										
13.	1230	<1	<1.0	2	2.0	4.7	1.0	100	82	95

WHITE RIVER BASIN

07077700 BAYOU DE VIEW AT MORTON

LOCATION.--Lat 35°15'07", long 91°06'37", near center of secs.4, 5, 8, and 9, T.7 N., R.1 W., Woodruff County, Hydrologic Unit 08020302, at bridge on U.S. Highway 64, 1.0 mi west of Morton, and at mile 39.6.

DRAINAGE AREA.--421 mi².

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, IN CUBIC FEET PER SECOND (00060)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
OCT										
25...	1045	80513	81213	6.0	314	7.6	17.0	3.8	39	410
JAN										
24...	1055	80513	81213	2230	79	6.6	3.5	5.0	37	420
FEB										
28...	1400	80513	81213	208	157	7.0	11.0	8.7	78	K41
APR										
25...	1210	80513	81213	454	115	6.5	15.0	6.5	65	360
JUL										
06...	1045	80513	81213	646	320	7.9	23.0	5.0	58	730
AUG										
29...	0915	80513	81213	13	479	7.8	27.0	4.6	58	150
DATE	TIME	STREP- TOCOCCI FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)
OCT										
25...	1045	480	120	32	10	14	19	0.6	6.0	105
JAN										
24...	1055	1100	27	6.7	2.5	<0.20	--	--	3.3	33
FEB										
28...	1400	88	52	13	4.7	7.7	23	0.5	4.5	56
APR										
25...	1210	1500	34	8.4	3.1	6.6	28	0.5	3.0	26
JUL										
06...	1045	K2000	130	32	11	16	21	0.6	3.0	115
AUG										
29...	0915	120	210	56	18	19	16	0.6	2.9	191
DATE	TIME	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)
OCT										
25...	1045	16	20	0.20	12	185	174	3.00	0.25	--
JAN										
24...	1055	5.2	3.7	<0.10	7.9	72	--	--	--	--
FEB										
28...	1400	7.1	7.1	0.20	6.8	94	87	52.8	0.13	0.00
APR										
25...	1210	11	6.1	0.10	7.5	84	64	103	0.11	0.420
JUL										
06...	1045	32	11	0.20	13	202	193	352	0.27	0.940
AUG										
29...	0915	32	16	0.30	24	304	284	10.7	0.41	0.050
DATE	TIME	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	BORON, DIS- SOLVED (UG/L AS B) (01020)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)
OCT										
25...	1045	<0.010	--	<0.020	0.040	0.32	0.36	0.010	30	100
JAN										
24...	1055	<0.010	0.080	0.080	0.030	0.34	0.37	0.040	20	30
FEB										
28...	1400	0.260	0.260	0.260	0.320	0.55	0.87	0.060	20	46
APR										
25...	1210	0.020	0.440	0.440	0.170	0.54	0.71	0.050	30	34
JUL										
06...	1045	0.160	1.10	1.10	0.470	0.73	1.2	0.060	30	66
AUG										
29...	0915	0.010	0.060	0.060	0.020	0.32	0.34	0.090	40	120

WHITE RIVER BASIN

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07077700 BAYOU DE VIEW AT MORTON--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)
OCT										
25...	1045	<0.5	<1.0	<5	<3	<10	24	<10	<4	800
JAN										
24...	1055	<0.5	<1.0	<5	<3	<10	360	<10	<4	23
FEB										
28...	1400	0.6	<1.0	<5	<3	<10	540	<10	<4	48
APR										
25...	1210	1	<1.0	<5	<3	<10	44	<10	<4	80
JUL										
06...	1045	1	1.0	5	3	10	34	10	4	6
AUG										
29...	0915	<0.5	<1.0	<5	<3	<10	<3	<10	<4	190
DATE	TIME	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	SEDI- MENT, DIS- SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT										
25...	1045	<10	<10	<1.0	130	1	<4	112	1.8	97
JAN										
24...	1055	<10	<10	<1.0	30	<6	<4	890	5370	27
FEB										
28...	1400	<10	<10	<1.0	60	<6	5	116	65	96
APR										
25...	1210	<10	<10	<1.0	40	<6	<4	348	427	99
JUL										
06...	1045	10	10	1.0	110	6	42	825	1440	81
AUG										
29...	0915	<10	<10	<1.0	200	<6	<4	116	4.1	87

ARKANSAS RIVER BASIN

07194800 ILLINOIS RIVER AT SAVOY

LOCATION.--Lat 36°06'11", long 94°20'39", in NW1/4SE1/4 sec.36, T.17 N., R.32 W., Washington County, Hydrologic Unit 11110103, on left bank at downstream side of State Highway 16 bridge, at Savoy

DRAINAGE AREA.--167 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1979 to December 1981, October 1985 to September 1986, August to September 1995. Occasional low-flow discharge measurements 1957-63; occasional discharge measurements 1974-78, 1982-85, and 1990-95..

GAGE.--Water-stage recorder. Datum of gage is 1,020.00 ft above sea level.

EXTREMES FOR CURRENT PERIOD.--August to September 1995: maximum discharge during period, 31 ft³/s Sept. 16, gage height, 2.14 ft; minimum 8.3 ft³/s, Sept. 1, 4-7.

REMARKS.--Water discharge records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	---	8.9
2	---	---	---	---	---	---	---	---	---	---	---	11
3	---	---	---	---	---	---	---	---	---	---	---	9.7
4	---	---	---	---	---	---	---	---	---	---	---	8.6
5	---	---	---	---	---	---	---	---	---	---	---	8.3
6	---	---	---	---	---	---	---	---	---	---	---	8.3
7	---	---	---	---	---	---	---	---	---	---	---	8.6
8	---	---	---	---	---	---	---	---	---	---	---	9.4
9	---	---	---	---	---	---	---	---	---	---	---	10
10	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	9.1
12	---	---	---	---	---	---	---	---	---	---	---	11
13	---	---	---	---	---	---	---	---	---	---	---	12
14	---	---	---	---	---	---	---	---	---	---	---	11
15	---	---	---	---	---	---	---	---	---	---	---	11
16	---	---	---	---	---	---	---	---	---	---	e12	24
17	---	---	---	---	---	---	---	---	---	---	e11	19
18	---	---	---	---	---	---	---	---	---	---	11	13
19	---	---	---	---	---	---	---	---	---	---	11	14
20	---	---	---	---	---	---	---	---	---	---	11	13
21	---	---	---	---	---	---	---	---	---	---	11	13
22	---	---	---	---	---	---	---	---	---	---	10	12
23	---	---	---	---	---	---	---	---	---	---	10	11
24	---	---	---	---	---	---	---	---	---	---	9.5	10
25	---	---	---	---	---	---	---	---	---	---	9.1	11
26	---	---	---	---	---	---	---	---	---	---	9.4	13
27	---	---	---	---	---	---	---	---	---	---	9.6	12
28	---	---	---	---	---	---	---	---	---	---	8.9	12
29	---	---	---	---	---	---	---	---	---	---	8.9	11
30	---	---	---	---	---	---	---	---	---	---	8.9	e11
31	---	---	---	---	---	---	---	---	---	---	8.9	---
TOTAL	---	---	---	---	---	---	---	---	---	---	---	345.9
MEAN	---	---	---	---	---	---	---	---	---	---	---	11.5
MAX	---	---	---	---	---	---	---	---	---	---	---	24
MIN	---	---	---	---	---	---	---	---	---	---	---	8.3
AC-FT	---	---	---	---	---	---	---	---	---	---	---	686
CFSM	---	---	---	---	---	---	---	---	---	---	---	.07
IN.	---	---	---	---	---	---	---	---	---	---	---	.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1986, BY WATER YEAR (WY)

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
MEAN	47.3	183	105	22.7	81.1	107	217	157	121	29.8	41.9
MAX	93.2	577	349	48.8	202	146	533	185	175	65.2	62.3
(WY)	1986	1986	1986	1986	1986	1986	1986	1981	1981	1981	1986
MIN	11.6	13.7	12.0	6.68	18.3	55.7	53.8	11.2	33.7	5.43	2.23
(WY)	1981	1980	1980	1981	1980	1981	1980	1980	1980	1980	1980

SUMMARY STATISTICS

WATER YEARS 1980 - 1986

ANNUAL MEAN	105
HIGHEST ANNUAL MEAN	222
LOWEST ANNUAL MEAN	33.7
HIGHEST DAILY MEAN	6000
LOWEST DAILY MEAN	1.8
ANNUAL SEVEN-DAY MINIMUM	1.9
INSTANTANEOUS PEAK FLOW	9530
INSTANTANEOUS PEAK STAGE	18.42
INSTANTANEOUS LOW FLOW	1.6
ANNUAL RUNOFF (AC-FT)	76090
ANNUAL RUNOFF (CFSM)	8.63
ANNUAL RUNOFF (INCHES)	8.55
10 PERCENT EXCEEDS	229
50 PERCENT EXCEEDS	23
90 PERCENT EXCEEDS	6.7

ARKANSAS RIVER BASIN

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07194800 ILLINOIS RIVER AT SAVOY--CONTINUED

WATER-QUALITY RECORDS

LOCATION.--Lat 36°06'11", long 94°20'39", in NW1/4SE1/4 sec.36, T.17 n., R.32 W., Washington County, Hydrologic Unit 11110103, on left bank at downstream side of bridge on State Highway 16 at Savoy.

DRAINAGE AREA.--167 mi².

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST- CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	
JUN 29.	1545		80513	81213	50	380	8.0	22.5	8.5	102	240
AUG 03.	1500		80513	81213	21	268	8.2	27.5	9.6	124	<3
DATE	TIME	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP- TOCOCCHI FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL AS CAC03) (00900)	CALCIUM DIS- SOLVED AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED AS MG) (00925)	SODIUM, DIS- SOLVED AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED AS K) (00935)	
JUN 29.	1545		310	180	110	41	2.2	6.3	11	0.3	2.6
AUG 03.	1500		180	130	110	42	2.3	4.9	8	0.2	3.3
DATE	TIME	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)		
JUN 29.	1545		7.9	6.1	150	1.79	0.010	1.80	1.80	0.010	
AUG 03.	1500		6.6	7.2	144	1.59	0.010	1.60	1.60	0.020	
DATE	TIME	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. & FINER THAN .062 MM (70331)		
JUN 29.	1545		0.23	0.24	0.060	0.050	0.020	33	4.5	95	
AUG 03.	1500		0.26	0.28	0.070	0.050	0.040	40	2.3	98	

ARKANSAS RIVER BASIN

07194947 LITTLE OSAGE CREEK AT HEALING SPRINGS

LOCATION.--Lat 36°15'13", long 94°16'12", in SE1/4NE1/4NW1/4 sec.10, T.18 N., R.31 W., Benton County, Hydrologic Unit 11110103.

DRAINAGE AREA.--39.2 mi².

PERIOD OF RECORD.--Water years 1994, 95.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	DIS-CHARGE, IN CUBIC FEET PER SECOND (00060)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-FIELD AS UNITS) (00400)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	TEMPER-ATURE WATER (DEG C) (00010)	TEMPER-ATURE AIR (DEG C) (00020)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, SOLVED (PER-CENT SATUR-ATION) (00301)
MAY 18.	1100	1028	80020	38	274	8.2	740	16.0	26.0	11.0	115
AUG 29.	1130	1028	80020	14	284	8.2	740	22.0	--	9.6	113
DATE	TIME	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL /100 ML) (31633)	STREP-TOCOC CI FECAL, KF AGAR (COLS./100 ML) (31673)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD-SORP-TION RATIO (00931)
MAY 18.	1100	370	290	170	120	19	47	1.7	4.1	7	0.2
AUG 29.	1130	180	450	110	140	8	52	1.6	4.4	6	0.2
DATE	TIME	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKA-LINITY WAT DIS TOT FET (MG/L AS CACO3) (00418)	CAR-BONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA-LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
MAY 18.	1100	1.7	105	0	128	105	2.7	6.6	<0.10	8.3	167
AUG 29.	1130	1.6	128	0	156	128	1.9	6.1	<0.10	9.6	178
DATE	TIME	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN NITRATE DIS-SOLVED (MG/L AS N) (00618)	NITRO-GEN NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN NO2+N03 DIS-SOLVED (MG/L AS N) (00630)	NITRO-GEN NO2+N03 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN AMMONIA + ORGANIC DIS-SOLVED (MG/L AS N) (00623)
MAY 18.	1100	156	17.2	0.23	--	<0.010	4.60	4.60	0.030	<0.20	<0.20
AUG 29.	1130	169	6.63	0.24	3.39	0.010	3.40	3.40	0.040	<0.20	<0.20
DATE	TIME	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS-PENDED TOTAL (MG/L AS C) (00689)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	SEDI-MENT, DIS-SOLVED (MG/L) (80154)	SEDI-MENT, DIS-SOLVED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. & FINER THAN .062 MM (70331)
MAY 18.	1100	0.020	0.020	0.040	0.4	<0.1	7	7	5	0.51	97
AUG 29.	1130	0.030	0.020	0.020	0.9	0.3	11	14	41	1.5	--
DATE	TIME	ATRA-ZINE WATER, DISS, REC (UG/L) (39632)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN, DIS-SOLVED (UG/L) (39381)	LINDANE DIS-SOLVED (UG/L) (39341)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	PARA-THION, DIS-SOLVED (UG/L) (39542)	2, 4-DB WATER, FLTRD, GF 0.7U (UG/L) (3746)	2, 4, 5-T DIS-SOLVED (UG/L) (39742)	SILVEX, DIS-SOLVED (UG/L) (39762)
MAY 18.	1100	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.05	<0.05	<0.05
DATE	TIME	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ALA-CHLOR, WATER, DISS, REC (UG/L) (46342)	BENTA-ZON, WATER, FLTRD, GF 0.7U (UG/L) (38711)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	FONOFOS WATER, DISS, REC (UG/L) (04095)	P, P' DDE DISSOLV (UG/L) (34653)	PRO-METON, WATER, DISS, REC (UG/L) (04037)
MAY 18.	1100	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.00	<0.01	<0.01	<0.01
DATE	TIME	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	METRI-BUZIN, SENCOR WATER DISSOLV (UG/L) (82630)	2, 6-DI-ETHYL ANILINE WAT FLT (UG/L) (82660)	TRI-FLUR-ALIN WAT FLT (UG/L) (82661)	DIMETH-OATE WATER FLTRD (UG/L) (82662)	ETHAL-FLUR-ALIN WAT FLT (UG/L) (82663)	PHORATE WATER FLTRD (UG/L) (82664)	TER-BACIL WATER FLTRD (UG/L) (82665)	LIN-URON WATER FLTRD (UG/L) (82666)
MAY 18.	1100	<0.02	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.03	<0.04
DATE	TIME	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD (UG/L) (82668)	PEB-ULATE WATER FLTRD (UG/L) (82669)	TEBU-THURON WATER FLTRD (UG/L) (82670)	MOL-INATE WATER FLTRD (UG/L) (82671)	ETHO-PROP WATER FLTRD (UG/L) (82672)	BEN-FLUR-ALIN WAT FLD (UG/L) (82673)	CARBO-FURAN WATER FLTRD (UG/L) (82674)	TER-BUPOS WATER FLTRD (UG/L) (82675)	PRON-AMIDE WATER FLTRD (UG/L) (82676)
MAY 18.	1100	<0.03	<0.00	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

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[illegible]

ARKANSAS RIVER BASIN

07194947 LITTLE OSAGE CREEK AT HEALING SPRINGS--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, IN CUBIC FEET PER SECOND (00060)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARDS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
MAY 17.	0930	1028	80020	89	239	7.5	734	16.0	8.8	93	940
DATE	TIME	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP- TOCOCCHI KF AGAR PER (100 ML) (31673)	HARD- NESS TOTAL MG/L AS CACO3 (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS NA) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
MAY 17.	0930	640	560	100	20	38	1.8	3.7	7	0.2	2.3
DATE	TIME	ALKA- LINTY WAT DIS TOT FET FIELD MG/L AS CACO3 (00418)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINTY WAT DIS TOT FET FIELD MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS F) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)
MAY 17.	0930	82	0	100	82	3.7	5.9	<0.10	9.3	149	138
DATE	TIME	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS AC-FT) (70303)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, AMMONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)
MAY 17.	0930	35.9	0.20	5.29	0.010	5.30	5.30	0.020	<0.20	<0.20	0.050
DATE	TIME	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHOPHOSPHATE DIS- SOLVED (MG/L AS P) (00671)	CARBON ORGANIC SUS- PENDED TOTAL (MG/L AS C) (00681)	CARBON ORGANIC SUS- PENDED TOTAL (MG/L AS C) (00689)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SEDI- MENT, CHARGE, SUS- PENDED (T/DAY) (80155)	SEDI- MENT, CHARGE, SUS- PENDED (T/DAY) (80155)	SEDI- MENT, CHARGE, SUS- PENDED (T/DAY) (80155)	SEDI- MENT, CHARGE, SUS- PENDED (T/DAY) (80155)
MAY 17.	0930	0.060	0.060	1.3	0.2	23	9	17	4.1	0.03	
DATE	TIME	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DI- ELDIN, DIS- SOLVED (UG/L) (39381)	LINDANE DIS- SOLVED (UG/L) (39341)	MALA- THION, DIS- SOLVED (UG/L) (39532)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	PARA- THION, DIS- SOLVED (UG/L) (39542)	ALPHA BHC, DIS- SOLVED (UG/L) (34253)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	
MAY 17.	0930	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	
DATE	TIME	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	FONOFOS WATER DISS REC (UG/L) (04095)	P P' DDE DISSOLV (UG/L) (34653)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	METRI- BUZIN, WATER, DISS, REC (UG/L) (04035)	
MAY 17.	0930	<0.00	<0.01	E0.01	<0.01	<0.01	E0.00	<0.02	<0.01	<0.01	
DATE	TIME	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	
MAY 17.	0930	<0.01	<0.01	<0.01	<0.01	E0.00	<0.04	<0.03	<0.00	<0.01	
DATE	TIME	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER- BIFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	FISUL- LON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	
MAY 17.	0930	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.06	<0.01	
DATE	TIME	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
MAY 17.	0930	<0.02	<0.05	<0.01	<0.00	<0.02	<0.01	<0.01	<0.04	<0.02	

ARKANSAS RIVER BASIN

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07195000 OSAGE CREEK NEAR ELM SPRINGS

LOCATION.--Lat 36°13'19", long 94°17'18", in SW1/4NE1/4 sec.21, T.18 N., R.31 W., Benton County, Hydrologic Unit 11110103, on left bank 0.7 mi downstream from Little Osage Creek, and 3.2 mi northwest of Elm Springs.

DRAINAGE AREA.--130 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1950 to September 1975, July to September 1995. October 1976 to September 1979 a crest-stage partial-record station. Occasional discharge measurements 1977-79 and 1982-95. Monthly discharge only for some periods, published in WSP 1731.

REVISED RECORDS.--(WATER YEARS).--WRD Ark.1970: Drainage area. WRD ARK. 1974: 1969.

GAGE.--Water-stage recorder. Prior to Oct. 1, 1979 water stage recorder about 400 ft downstream at present datum. Altitude of gage is 1,052 ft by barometer.

EXTREMES FOR CURRENT PERIOD.--July to September 1995: maximum discharge during period, 465 ft³/s Sept. 15, gage height, 4.25 ft; minimum 45 ft³/s, Sept. 3.

REMARKS.--Water-discharge records good. Low flow slightly regulated by operation of small lake at Cave Springs, and northwest Arkansas sewage treatment plant.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	121	69
2	---	---	---	---	---	---	---	---	---	---	124	57
3	---	---	---	---	---	---	---	---	---	---	118	53
4	---	---	---	---	---	---	---	---	---	---	109	61
5	---	---	---	---	---	---	---	---	---	---	95	67
6	---	---	---	---	---	---	---	---	---	---	98	73
7	---	---	---	---	---	---	---	---	---	---	105	72
8	---	---	---	---	---	---	---	---	---	---	101	67
9	---	---	---	---	---	---	---	---	---	---	98	59
10	---	---	---	---	---	---	---	---	---	---	95	62
11	---	---	---	---	---	---	---	---	---	---	89	74
12	---	---	---	---	---	---	---	---	---	---	79	73
13	---	---	---	---	---	---	---	---	---	149	84	74
14	---	---	---	---	---	---	---	---	---	149	90	75
15	---	---	---	---	---	---	---	---	---	151	89	215
16	---	---	---	---	---	---	---	---	---	136	87	142
17	---	---	---	---	---	---	---	---	---	140	80	98
18	---	---	---	---	---	---	---	---	---	149	79	95
19	---	---	---	---	---	---	---	---	---	142	71	85
20	---	---	---	---	---	---	---	---	---	153	75	80
21	---	---	---	---	---	---	---	---	---	151	78	76
22	---	---	---	---	---	---	---	---	---	160	76	74
23	---	---	---	---	---	---	---	---	---	153	75	72
24	---	---	---	---	---	---	---	---	---	192	77	69
25	---	---	---	---	---	---	---	---	---	161	70	76
26	---	---	---	---	---	---	---	---	---	199	62	74
27	---	---	---	---	---	---	---	---	---	160	69	77
28	---	---	---	---	---	---	---	---	---	131	74	70
29	---	---	---	---	---	---	---	---	---	116	75	71
30	---	---	---	---	---	---	---	---	---	117	73	e70
31	---	---	---	---	---	---	---	---	---	123	72	---
TOTAL	---	---	---	---	---	---	---	---	---	---	2688	2380
MEAN	---	---	---	---	---	---	---	---	---	---	86.7	79.3
MAX	---	---	---	---	---	---	---	---	---	---	124	215
MIN	---	---	---	---	---	---	---	---	---	---	62	53
AC-FT	---	---	---	---	---	---	---	---	---	---	5330	4720
CFSM	---	---	---	---	---	---	---	---	---	---	.67	.61
IN.	---	---	---	---	---	---	---	---	---	---	.77	.68

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1975, BY WATER YEAR (WY)

	MEAN	72.8	112	93.5	91.4	126	153	165	197	152	99.5	65.5	59.4
MAX	310	474	390	373	457	538	533	972	693	281	244	214	
(WY)	1971	1974	1974	1969	1951	1975	1957	1961	1974	1968	1961	1975	
MIN	13.2	23.3	20.9	20.4	23.8	24.5	20.8	40.2	25.0	14.2	11.3	12.4	
(WY)	1957	1956	1956	1956	1964	1956	1956	1964	1954	1954	1954	1956	

SUMMARY STATISTICS

WATER YEARS 1951 - 1975

ANNUAL MEAN	115
HIGHEST ANNUAL MEAN	236
LOWEST ANNUAL MEAN	29.1
HIGHEST DAILY MEAN	6540
LOWEST DAILY MEAN	5.3
ANNUAL SEVEN-DAY MINIMUM	6.1
INSTANTANEOUS PEAK FLOW	^a 22500
INSTANTANEOUS PEAK STAGE	16.66
INSTANTANEOUS LOW FLOW	4.7
ANNUAL RUNOFF (AC-FT)	83660
ANNUAL RUNOFF (CFSM)	.89
ANNUAL RUNOFF (INCHES)	12.07
10 PERCENT EXCEEDS	208
50 PERCENT EXCEEDS	66
90 PERCENT EXCEEDS	25

1974
1956
May 19 1961
Sep 5 1954
Aug 31 1954
May 19 1961
May 19 1961
Sep 4 1954

^aFrom rating curve extended above 11,000 ft³/s on basis of slope-area measurement of peak flow

^bAlso Sept. 5-6, 1954

^eEstimated

ARKANSAS RIVER BASIN

07195000 OSAGE CREEK NEAR ELM SPRINGS--CONTINUED

WATER-QUALITY RECORDS

LOCATION.--Lat 36°13'19", long 94°17'18", in SW1/4NE1/4 sec.21, T.18 N., R.31 W., Benton County, Hydrologic Unit 11110103, on left bank 0.7 mi downstream from Little Osage Creek, and 3.2 mi northwest of Elm Springs.

DRAINAGE AREA.--130 mi².

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

		AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
DATE	TIME									
JUN 29.	1330	80513	81213	270	310	8.1	18.5	8.8	98	290
AUG 03.	1300	80513	81213	105	340	8.2	23.0	8.2	100	230
		E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP- TOCOCCI FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
DATE	TIME									
JUN 29.	1330	220	190	130	49	1.7	15	20	0.6	3.5
AUG 03.	1300	160	87	130	50	1.8	18	22	0.7	4.5
		SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	
DATE	TIME									
JUN 29.	1330	11	14	198	4.49	0.010	4.50	4.50	0.010	
AUG 03.	1300	15	20	222	3.59	0.010	3.60	3.60	0.010	
		NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	
DATE	TIME									
JUN 29.	1330	0.21	0.22	0.400	0.380	0.400	32	23	92	
AUG 03.	1300	0.19	0.20	0.740	0.720	0.760	14	4.0	99	

ARKANSAS RIVER BASIN

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07195430 ILLINOIS RIVER SOUTH OF SILOAM SPRINGS

LOCATION.--Lat 36°06'31", long 94°32'00", in SE1/4NE1/4 sec.31, T.17 N., R.33 W., Benton County, Hydrologic Unit 11110103, at bridge on State Highway 59, 5.0 mi south of Siloam Springs, and 0.6 mi downstream from mouth of Cincinnati Creek.

DRAINAGE AREA.--575 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July to September 1995. Occasional low-flow measurements in 1971.

GAGE.--Water-stage recorder.

EXTREMES FOR CURRENT PERIOD.--July to September 1995: maximum discharge during period, 581 ft³/s July 23, 24, gage height, 5.14 ft; minimum 148 ft³/s, Sept. 5, 6.

REMARKS.--Water-discharge records good. Satellite telemeter at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	292	160
2	---	---	---	---	---	---	---	---	---	---	293	171
3	---	---	---	---	---	---	---	---	---	---	281	161
4	---	---	---	---	---	---	---	---	---	---	285	152
5	---	---	---	---	---	---	---	---	---	---	271	150
6	---	---	---	---	---	---	---	---	---	---	258	152
7	---	---	---	---	---	---	---	---	---	---	249	156
8	---	---	---	---	---	---	---	---	---	---	247	161
9	---	---	---	---	---	---	---	---	---	---	239	161
10	---	---	---	---	---	---	---	---	---	---	232	159
11	---	---	---	---	---	---	---	---	---	---	225	153
12	---	---	---	---	---	---	---	---	---	---	219	158
13	---	---	---	---	---	---	---	---	---	---	210	167
14	---	---	---	---	---	---	---	---	---	348	204	162
15	---	---	---	---	---	---	---	---	---	339	205	162
16	---	---	---	---	---	---	---	---	---	325	208	226
17	---	---	---	---	---	---	---	---	---	316	201	410
18	---	---	---	---	---	---	---	---	---	348	194	243
19	---	---	---	---	---	---	---	---	---	337	189	208
20	---	---	---	---	---	---	---	---	---	337	185	208
21	---	---	---	---	---	---	---	---	---	375	179	194
22	---	---	---	---	---	---	---	---	---	343	178	185
23	---	---	---	---	---	---	---	---	---	477	179	178
24	---	---	---	---	---	---	---	---	---	528	173	172
25	---	---	---	---	---	---	---	---	---	474	177	171
26	---	---	---	---	---	---	---	---	---	494	173	178
27	---	---	---	---	---	---	---	---	---	518	172	179
28	---	---	---	---	---	---	---	---	---	421	164	174
29	---	---	---	---	---	---	---	---	---	367	165	175
30	---	---	---	---	---	---	---	---	---	323	163	e180
31	---	---	---	---	---	---	---	---	---	297	162	---
TOTAL	---	---	---	---	---	---	---	---	---	---	6572	5466
MEAN	---	---	---	---	---	---	---	---	---	---	212	182
MAX	---	---	---	---	---	---	---	---	---	---	293	410
MIN	---	---	---	---	---	---	---	---	---	---	162	150
AC-FT	---	---	---	---	---	---	---	---	---	---	13040	10840

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

	1995	1995
MEAN	---	---
MAX	---	---
(WY)	---	---
MIN	---	---
(WY)	---	---

^eEstimated

ARKANSAS RIVER BASIN

07195430 ILLINOIS RIVER NEAR SILOAM SPRINGS--CONTINUED

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1995 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	
JUN 29.	0800		80513	81213	--	250	7.4	21.0	6.5	76	100
AUG 03.	0830		80513	81213	280	288	7.9	24.5	6.4	79	50
DATE	TIME	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP- TOCOCCI FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	
JUN 29.	0800		K49	110	110	43	1.8	13	19	0.5	3.0
AUG 03.	0830		40	92	120	44	1.9	9.2	14	0.4	3.4
DATE	TIME	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)		
JUN 29.	0800		8.3	9.3	162	2.79	0.010	2.80	2.80	0.010	
AUG 03.	0830		8.5	11	166	2.29	0.010	2.30	2.30	0.010	
DATE	TIME	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)		
JUN 29.	0800		0.21	0.22	0.170	0.110	0.120	59	--	99	
AUG 03.	0830		0.19	0.20	0.190	0.190	0.190	48	36	93	

ARKANSAS RIVER BASIN

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07195800 FLINT CREEK AT SPRINGTOWN

LOCATION---Lat 36°15'20", long 94°25'50", in NW¼ sec.7, T.18 N., R.32 W., Benton County, Hydrologic Unit 11110103, on right bank 20 ft downstream from State Highway 12, 0.8 mi southwest of Springtown.

DRAINAGE AREA---14.2 mi².

PERIOD OF RECORD---June 1961 to current year.

REVISED RECORDS---WRD Ark. 1970: Drainage area.

GAGE---Water-stage recorder. Datum of gage is 1,173.47 ft above sea level.

REMARKS---Records good, except estimated daily discharges which are fair. Satellite telemeter at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.6	8.7	9.4	8.1	9.8	3.0	9.5	35	e35	14	9.4	6.3
2	6.6	8.7	9.0	7.8	8.8	3.0	9.7	30	e30	21	9.2	5.9
3	6.5	11	9.0	7.7	8.2	3.1	9.7	32	e35	18	9.2	5.6
4	6.5	89	8.9	7.6	7.4	3.1	10	32	e30	19	9.4	5.6
5	6.8	141	8.7	7.6	6.9	3.1	10	29	e90	16	9.4	5.6
6	6.8	55	8.7	7.7	6.5	3.2	11	43	e150	15	9.3	5.9
7	7.6	37	8.5	7.7	5.9	23	10	59	e110	14	8.5	6.3
8	14	29	16	7.7	5.5	16	10	391	e100	14	7.9	6.5
9	9.7	28	26	7.5	5.3	12	10	99	e150	12	7.7	6.5
10	8.3	23	24	7.5	5.1	10	13	65	e180	12	7.1	6.5
11	7.9	19	21	7.5	4.8	9.1	28	e50	e160	11	7.1	6.7
12	7.7	17	18	7.4	4.4	8.5	26	e40	e100	10	7.1	6.8
13	7.7	15	16	37	4.1	7.9	23	e35	e70	10	7.1	6.7
14	7.7	14	15	97	4.3	7.8	20	e30	e50	11	7.0	7.0
15	8.0	14	13	59	4.4	7.4	18	29	39	11	6.9	16
16	8.3	12	14	44	4.2	6.9	16	26	e30	10	6.8	12
17	8.2	12	12	34	3.9	6.7	15	28	28	10	7.0	8.5
18	8.5	11	12	30	3.6	6.5	19	e25	25	9.6	6.8	7.4
19	8.7	11	11	28	3.5	6.5	24	e25	23	9.9	6.9	7.4
20	8.9	15	10	24	3.4	6.7	117	e25	22	10	7.0	7.4
21	8.7	20	10	22	3.2	6.5	60	e20	20	11	6.7	7.4
22	8.3	18	9.6	19	3.1	6.6	46	e20	19	11	6.5	7.4
23	8.0	16	9.1	17	2.9	6.7	47	e20	19	12	6.5	7.4
24	8.0	14	9.0	15	2.8	6.9	40	e30	19	12	6.5	7.1
25	8.0	13	8.8	14	2.8	7.1	34	e30	18	13	6.1	7.1
26	7.9	12	8.7	15	2.8	8.5	29	e30	17	12	5.9	7.1
27	8.0	11	8.4	15	3.4	8.3	26	e35	16	11	5.7	7.3
28	8.1	11	8.3	14	3.1	8.3	23	e55	16	9.9	5.7	7.5
29	8.2	9.9	8.3	13	---	8.5	39	e45	15	9.4	5.7	7.1
30	8.0	9.4	8.1	11	---	8.7	39	e35	15	9.0	5.8	7.1
31	8.4	---	8.2	10	---	9.1	---	e30	---	9.0	6.0	---
TOTAL	250.6	704.7	366.7	609.8	134.1	238.7	791.9	1478	1691	376.8	224.6	219.1
MEAN	8.08	23.5	11.8	19.7	4.79	7.70	26.4	47.7	56.4	12.2	7.25	7.30
MAX	14	141	26	97	9.8	23	117	391	180	21	9.9	16
MIN	6.5	8.7	8.1	7.4	2.8	3.0	9.5	20	15	9.0	5.7	5.6
AC-FT	497	1400	727	1210	266	473	1570	2930	3350	747	445	435
CFSM	.57	1.65	.83	1.39	.34	.54	1.86	3.36	3.97	.86	.51	.51
IN.	.66	1.85	.96	1.60	.35	.63	2.07	3.87	4.43	.99	.59	.57

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 1995, BY WATER YEAR (WY)

	MEAN	11.2	18.8	18.9	14.0	14.9	21.1	22.6	18.7	18.3	9.19	7.95	9.17
MAX	51.8	83.7	63.0	40.0	37.0	57.7	60.5	107	121	40.9	61.5	38.3	
(WY)	1987	1974	1988	1969	1989	1973	1965	1990	1974	1961	1961	1986	
MIN	2.20	2.56	2.98	2.98	3.20	3.02	3.15	3.29	2.79	1.83	.77	1.88	
(WY)	1983	1967	1967	1981	1967	1967	1981	1967	1966	1964	1980	1967	

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1961 - 1995

ANNUAL TOTAL	6274.9	7086.0	15.2	
ANNUAL MEAN	17.2	19.4	34.4	1974
HIGHEST ANNUAL MEAN			3.80	1967
LOWEST ANNUAL MEAN				
HIGHEST DAILY MEAN	195	Apr 12	1730	Jun 8 1974
LOWEST DAILY MEAN	5.1	Aug 18	.00	Aug 3 1980
ANNUAL SEVEN-DAY MINIMUM	5.4	Aug 24	.33	Aug 3 1980
INSTANTANEOUS PEAK FLOW			a14600	Jun 8 1974
INSTANTANEOUS PEAK STAGE			b17.51	Jun 8 1974
INSTANTANEOUS LOW FLOW			c.00	Aug 3 1980
ANNUAL RUNOFF (AC-FT)	12450	14060	10990	
ANNUAL RUNOFF (CFSM)	1.21	1.37	1.07	
ANNUAL RUNOFF (INCHES)	16.44	18.56	14.52	
10 PERCENT EXCEEDS	33	37	29	
50 PERCENT EXCEEDS	11	9.9	8.4	
90 PERCENT EXCEEDS	6.2	5.9	3.2	

^aFrom rating curve extended above 770 ft³/s on basis of contracted-opening and flow-over-road measurement of peak flow

^bFrom floodmark

^cResult of pumpage for irrigation upstream from gage

^dAlso Sept. 16, 1980

^eEstimated

ARKANSAS RIVER BASIN

07195855 FLINT CREEK NEAR WEST SILOAM SPRINGS, OKLAHOMA

LOCATION.--Lat 36°12'58", long 94°36'15", in NE1/4NE1/4 sec.14, T.20 N., R.25 E., Delaware County, Oklahoma, Hydrologic Unit 11110103, on left bank 180 ft downstream from county bridge, 2.5 mi from Arkansas-Oklahoma State line, northwest of West Siloam Springs, Oklahoma.

DRAINAGE AREA.--59.8 mi².

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is 958.00 ft above sea level.

REMARKS.--Water-discharge records good, except for periods of estimated daily discharges which are fair. Flow is partially regulated by Lake Siloam Springs, 4.5 mi upstream, and sewage discharge into Flint Creek from city of Gentry.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e13	14	42	34	70	41	31	129	112	72	38	12
2	e13	14	38	32	66	41	30	118	105	69	36	12
3	e12	19	38	32	63	41	30	116	142	90	36	12
4	e12	106	38	30	60	41	30	120	193	84	35	11
5	e13	454	37	30	58	41	29	113	197	82	34	11
6	e12	245	36	30	57	41	27	144	309	72	33	11
7	13	158	35	30	54	150	27	182	231	66	32	10
8	15	125	59	30	53	135	27	822	197	63	31	12
9	19	119	111	29	53	112	27	397	321	62	29	12
10	18	107	100	29	52	97	38	258	361	58	27	12
11	15	93	88	29	49	87	103	203	360	57	27	11
12	14	84	76	30	48	79	93	172	288	55	26	15
13	14	75	69	109	47	73	76	154	238	53	25	15
14	15	70	62	338	47	69	63	142	205	51	26	13
15	16	66	57	204	49	65	55	130	184	50	25	14
16	16	58	55	153	48	60	50	120	165	48	25	31
17	14	54	52	129	46	57	46	117	151	51	24	28
18	15	50	48	118	44	53	51	112	137	46	23	18
19	16	51	46	120	44	52	48	101	129	44	26	15
20	19	60	45	110	42	51	228	92	120	48	27	22
21	19	77	44	106	42	47	162	85	114	47	23	21
22	22	78	42	99	43	41	127	81	107	48	16	13
23	16	71	41	92	42	38	124	73	101	46	15	12
24	16	64	39	85	42	38	116	91	97	45	14	11
25	16	61	39	84	40	36	106	88	93	46	14	11
26	18	53	38	83	39	43	95	91	89	51	14	10
27	19	52	38	84	46	44	87	111	85	45	14	10
28	15	48	38	83	43	41	78	141	79	41	13	11
29	14	45	36	81	---	33	121	124	77	38	13	10
30	14	44	35	76	---	31	142	112	75	38	12	9.1
31	13	---	35	71	---	31	---	105	---	38	12	---
TOTAL	477	2615	1557	2590	1387	1809	2267	4844	5062	1704	745	416.1
MEAN	15.4	87.2	50.2	83.5	49.5	58.4	75.6	156	169	55.0	24.0	13.9
MAX	22	454	111	338	70	150	228	822	361	90	38	31
MIN	12	14	35	29	39	31	27	73	75	38	12	9.1
AC-FT	946	5190	3090	5140	2750	3590	4500	9610	10040	3380	1480	825

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1995, BY WATER YEAR (WY)

	MEAN	33.9	56.5	75.6	52.4	54.6	78.0	74.9	71.7	55.4	23.3	17.4	23.1
MAX	199	199	148	219	123	120	176	143	251	169	55.0	35.6	132
(WY)	1987	1994	1993	1985	1989	1985	1985	1985	1990	1995	1995	1986	1986
MIN	3.48	3.86	6.62	3.88	4.37	7.04	7.43	20.9	9.72	2.79	.77	1.80	1.80
(WY)	1981	1981	1980	1980	1981	1981	1981	1981	1981	1981	1980	1980	1980

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1980 - 1995

ANNUAL TOTAL	19336.7	25473.1	51.3	
ANNUAL MEAN	53.0	69.8	97.9	1985
HIGHEST ANNUAL MEAN			10.7	1981
LOWEST ANNUAL MEAN				
HIGHEST DAILY MEAN	454	Nov 5	822	May 8
LOWEST DAILY MEAN	9.1	Aug 10	9.1	Sep 30
ANNUAL SEVEN-DAY MINIMUM	10	Aug 5	10	Sep 24
INSTANTANEOUS PEAK FLOW			1330	May 8
INSTANTANEOUS PEAK STAGE			7.84	May 8
ANNUAL RUNOFF (AC-FT)	38350	50530	37200	
10 PERCENT EXCEEDS	115	136	110	
50 PERCENT EXCEEDS	35	48	29	
90 PERCENT EXCEEDS	13	14	7.0	

^aFrom rating curve extended above 3,300 ft³/s

^eEstimated

ARKANSAS RIVER BASIN

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07195855 FLINT CREEK NEAR WEST SILOAM SPRINGS, OKLAHOMA--CONTINUED
WATER-QUALITY RECORDS

PERIOD OF RECORD.--June to September 1979, October 1991 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
JUN 29. AUG 03.	0930 1030	80513 80513	81213 81213	76 37	262 212	7.5 7.7	22.0 25.0	6.6 7.0	78 88	70 57
DATE	TIME	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP- TOCOCCI FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
JUN 29. AUG 03.	0930 1030	70 42	180 170	110 96	42 35	1.7 2.1	17 9.3	24 17	0.7 0.4	2.8 3.5
DATE	TIME	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	
JUN 29. AUG 03.	0930 1030	8.3 17	9.1 8.5	162 142	2.79 0.970	0.010 0.010	2.80 0.980	2.80 0.980	0.010 0.010	
DATE	TIME	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	
JUN 29. AUG 03.	0930 1030	-- 0.19	<0.20 0.20	0.100 0.040	0.090 0.020	0.120 0.020	46 29	9.4 2.9	90 99	

ARKANSAS RIVER BASIN

07196900 BARON FORK AT DUTCH MILLS

LOCATION.--Lat 35°52'48", long 94°29'11", on line between secs.21 and 22, T.14 N., R.33 W., Washington County, Hydrologic Unit 11110103, near right bank on downstream side of bridge on State Highway 59 at Dutch Mills, 2.2 mi downstream from Fly Creek, and 2.9 mi upstream from Arkansas-Oklahoma State line.

DRAINAGE AREA.--40.6 mi² (corrected.)

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1958 to current year. Prior to October 1969, published as "Barren Fork at Dutch Mills."

REVISED RECORDS.--WRD Ark. 1970: Drainage area. WRD Ark. 1993: 1992 (m).

GAGE.--Water-stage recorder. Datum of gage is 986.47 ft above sea level.

REMARKS.--No estimated daily discharges. Water-discharge records good. Satellite telemeter at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.30	5.0	20	22	68	36	21	353	37	14	7.1	.58
2	.35	6.8	18	20	63	33	19	104	33	13	6.7	.52
3	.32	19	18	19	57	31	18	90	31	14	5.9	.55
4	.34	155	16	17	53	30	17	85	71	13	5.1	.50
5	.40	454	15	16	49	30	16	63	53	23	4.7	.55
6	.66	103	15	19	45	31	15	237	46	14	4.3	.59
7	1.3	54	15	20	43	356	14	150	36	10	4.2	.79
8	5.5	38	399	20	39	104	13	1800	210	9.0	3.8	.81
9	6.0	102	362	19	38	73	12	240	561	8.2	3.5	.95
10	2.5	68	123	19	37	61	16	121	617	9.7	3.1	.95
11	1.7	46	82	19	34	52	307	89	317	7.3	2.8	.84
12	1.4	35	66	19	31	47	91	73	162	6.2	2.5	1.4
13	1.3	28	55	1590	30	44	54	65	101	5.7	2.5	1.9
14	1.2	381	48	675	31	44	42	55	74	4.5	2.3	2.0
15	1.3	188	44	212	40	45	35	47	59	4.4	2.2	3.9
16	1.8	90	47	139	42	41	31	42	49	5.3	2.9	21
17	1.9	64	44	109	37	37	27	39	42	11	2.4	17
18	1.8	50	38	245	33	34	63	37	36	17	2.0	13
19	1.8	43	35	269	31	31	122	33	32	6.7	1.7	12
20	1.8	88	34	188	29	29	941	29	28	8.4	1.7	14
21	1.9	90	35	154	28	26	120	27	25	9.7	1.6	14
22	1.9	59	32	126	26	25	76	24	23	61	1.4	14
23	2.1	46	30	107	25	23	118	21	33	26	1.3	14
24	2.0	41	29	97	22	21	84	408	37	24	1.2	13
25	2.3	36	27	103	21	19	64	297	23	17	1.0	14
26	2.4	32	25	101	21	59	52	132	21	114	.98	17
27	2.6	29	24	99	56	42	45	104	18	35	.98	19
28	2.9	27	23	86	46	32	39	66	15	19	.98	19
29	3.6	24	22	79	---	28	96	51	17	12	.82	21
30	4.1	21	21	74	---	25	101	44	17	9.3	.68	21
31	4.5	---	20	71	---	23	---	40	---	7.9	.67	---
TOTAL	63.97	2422.8	1782	4753	1075	1512	2669	4966	2824	539.3	83.01	259.83
MEAN	2.06	80.8	57.5	153	38.4	48.8	89.0	160	94.1	17.4	2.68	8.66
MAX	6.0	454	399	1590	68	356	941	1800	617	114	7.1	21
MIN	.30	5.0	15	16	21	19	12	21	15	4.4	.67	.50
AC-FT	127	4810	3530	9430	2130	3000	5290	9850	5600	1070	165	515
CFSM	.05	1.99	1.42	3.78	.95	1.20	2.19	3.95	2.32	.43	.07	.21
IN.	.06	2.22	1.63	4.35	.98	1.39	2.45	4.55	2.59	.49	.08	.24

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 1995, BY WATER YEAR (WY)

	MEAN	26.8	56.7	54.6	44.0	55.1	78.7	79.1	71.8	35.4	17.9	7.84	18.0
MAX	218	347	221	242	163	205	310	307	167	131	62.0	242	
(WY)	1971	1986	1988	1993	1975	1973	1990	1989	1958	1992	1974		
MIN	.094	.51	.55	.53	2.16	5.98	6.71	3.25	.35	.22	.000	.080	
(WY)	1964	1964	1964	1964	1964	1967	1963	1977	1963	1963	1980	1980	

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1958 - 1995

ANNUAL TOTAL	13507.82	22949.91	45.0
ANNUAL MEAN	37.0	62.9	104
HIGHEST ANNUAL MEAN			3.99
LOWEST ANNUAL MEAN			4300
HIGHEST DAILY MEAN	664	Feb 22	1800
LOWEST DAILY MEAN	.20	Sep 20	.30
ANNUAL SEVEN-DAY MINIMUM	.31	Sep 15	.52
INSTANTANEOUS PEAK FLOW			5470
INSTANTANEOUS PEAK STAGE			8.66
INSTANTANEOUS LOW FLOW			.30
ANNUAL RUNOFF (AC-FT)	26790	45520	32600
ANNUAL RUNOFF (CFSM)	.91	1.55	1.11
ANNUAL RUNOFF (INCHES)	12.38	21.03	15.06
10 PERCENT EXCEEDS	90	116	88
50 PERCENT EXCEEDS	16	27	12
90 PERCENT EXCEEDS	.87	1.7	.87

^aFrom rating curve extended above 2,900 ft³/s on basis of contracted-opening measurement at 12,900 ft³/s

ARKANSAS RIVER BASIN

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07196900 BARON FORK AT DUTCH MILLS--CONTINUED WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1960 to September 1961, October 1968 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)
JUN 28.	1200	80513	81213	13	290	7.1	22.5	9.7	117	K350
AUG 02.	1330	80513	81213	5.0	322	7.9	25.0	5.2	66	180
DATE	TIME	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP-TOCOCCHI FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD-NESS TOTAL (MG/L AS CaCO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS Ca) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO PERCENT (00932)	SODIUM POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	
JUN 28.	1200	K230	42	150	55	2.9	4.5	6	0.2	2.4
AUG 02.	1330	K60	K7	150	56	3.1	4.9	6	0.2	3.0
DATE	TIME	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS N) (00618)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED TOTAL (MG/L AS N) (00630)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	
JUN 28.	1200	10	5.8	186	2.38	0.020	2.40	2.40	0.010	
AUG 02.	1330	11	6.4	188	1.28	0.020	1.30	1.30	0.050	
DATE	TIME	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	
JUN 28.	1200	0.21	0.22	0.020	0.020	0.040	69	2.4	85	
AUG 02.	1330	0.26	0.31	0.060	0.040	0.050	48	0.65	89	

ARKANSAS RIVER BASIN

07196973 PEACHEATER CREEK AT CHRISTIE, OKLAHOMA

LOCATION.--Lat 35°57'17", long 94°41'46", in SE1/4NW1/4NE1/4 sec.13, T.17 N., R.24 E., Adair County, Hydrologic Unit 11110103.

DRAINAGE AREA.--25.0 mi².

PERIOD OF RECORD.--Water years 1991-95.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST- CUBIC FEET PER SECOND (00061)	GAGE HEIGHT (FEET) (00065)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	OXYGEN, DIS- SOLVED (MG/L) (00300)
MAY 17.	1045	1028	80020	15	4.48	148	7.7	750	17.5	23.5	9.6
SEP 07.	0900	1028	80020	3.3	4.26	171	7.7	745	21.0	25.0	7.7
DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP- TOCOCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FIELD CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
MAY 17.	1045	102	K20	K23	73	57	8	21	1.2	2.7	9
SEP 07.	0900	88	420	520	140	76	9	28	1.4	3.3	8
DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT DIS TOT FET FIELD MG/L AS CACO3 (00418)	CAR- BONATE WATER DIS IT FIELD MG/L AS CACO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS CACO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)
MAY 17.	1045	0.2	2.4	49	0	60	49	4.4	5.1	<0.10	7.7
SEP 07.	0900	0.2	2.6	66	0	81	66	3.8	5.6	<0.10	9.4
DATE	TIME	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)
MAY 17.	1045	91	84	3.76	0.12	<0.010	2.30	2.30	0.010	<0.20	<0.20
SEP 07.	0900	101	101	0.89	0.14	<0.010	1.50	1.50	0.020	<0.20	<0.20
DATE	TIME	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHOPHOS- PHATE DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDED TOTAL (MG/L AS C) (00689)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CHROMIUM, DIS- SOLVED (UG/L AS CR) (01030)
MAY 17.	1045	0.010	0.020	0.020	1.6	0.1	--	38	<0.5	<1.0	<5
SEP 07.	0900	0.020	0.030	0.030	0.5	0.1	<1	47	<0.5	<1.0	<5
DATE	TIME	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)
MAY 17.	1045	<3	<10	3	10	<4	2	<10	<10	<1	<1.0
SEP 07.	0900	<3	<10	<3	10	<4	<1	<10	<10	<1	<1.0
DATE	TIME	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	ATRA- ZINE, WATER, DISS. REC (UG/L) (39632)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DI- ELDRIN, DIS- SOLVED (UG/L) (39381)	LINDANE DIS- SOLVED (UG/L) (39341)
MAY 17.	1045	30	<6	5	1	0.04	78	0.02	<0.01	<0.01	<0.01
SEP 07.	0900	38	<6	<3	--	--	--	--	--	--	--
DATE	TIME	MALA- THION, DIS- SOLVED (UG/L) (39532)	METO- LACHLOR WATER, DISSOLV (UG/L) (39415)	PARA- THION, DIS- SOLVED (UG/L) (39542)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,4,5-T DIS- SOLVED (UG/L) (39742)	SILVEX, DIS- SOLVED (UG/L) (39762)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)
MAY 17.	1045	<0.01	<0.01	<0.02	<0.05	<0.05	<0.05	<0.01	<0.01	<0.05	<0.01
DATE	TIME	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE WATER, DISS, REC (UG/L) (04041)	DEETHYL ATRA- ZINE WATER, DISS, REC (UG/L) (04040)	FONOFOS WATER, DISS, REC (UG/L) (04095)	P,P' DDE DISSOLV (UG/L) (34653)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	METRI- BUZIN WATER, DISSOLV (UG/L) (82630)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF REC (UG/L) (82660)
MAY 17.	1045	<0.01	<0.01	0.00	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01

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DATE	TIME	TRI- FLUR- ALIN WAT FLT 0.7 U GF REC (UG/L) (82661)	DIMETH- OATE WATER FLTRD 0.7 U GF REC (UG/L) (82662)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF REC (UG/L) (82664)	TER- BACIL WATER FLTRD 0.7 U GF REC (UG/L) (82665)	LIN- URON WATER FLTRD 0.7 U GF REC (UG/L) (82666)	METHYL PARA- THION WAT FLT 0.7 U GF REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF REC (UG/L) (82668)	PEB- ULATE WATER FLTRD 0.7 U GF REC (UG/L) (82669)	TEBU- THIURON WATER FLTRD 0.7 U GF REC (UG/L) (82670)
MAY 17.	1045	<0.01	<0.02	<0.01	<0.01	<0.03	<0.04	<0.03	<0.00	<0.01	<0.02
DATE	TIME	MOL- INATE WATER FLTRD 0.7 U GF REC (UG/L) (82671)	ETHO- PROP WATER FLTRD 0.7 U GF REC (UG/L) (82672)	BEN- FLUR- ALIN WAT FLT 0.7 U GF REC (UG/L) (82673)	CARBO- FURAN WATER FLTRD 0.7 U GF REC (UG/L) (82674)	TER- BIFOS WATER FLTRD 0.7 U GF REC (UG/L) (82675)	PRON- AMIDE WATER FLTRD 0.7 U GF REC (UG/L) (82676)	DISUL- FOTON WATER FLTRD 0.7 U GF REC (UG/L) (82677)	TRIAL- LATE WATER FLTRD 0.7 U GF REC (UG/L) (82678)	PRO- PANIL WATER FLTRD 0.7 U GF REC (UG/L) (82679)	
MAY 17.	1045	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.06	<0.01	<0.02	
DATE	TIME	CAR- BARYL WATER FLTRD 0.7 U GF REC (UG/L) (82680)	THIO- BENCARB WATER FLTRD 0.7 U GF REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF REC (UG/L) (82682)	PENDI- METH- ALIN WAT FLT 0.7 U GF REC (UG/L) (82683)	NAPROP- AMIDE WATER FLTRD 0.7 U GF REC (UG/L) (82684)	PRO- PARGITE WATER FLTRD 0.7 U GF REC (UG/L) (82685)	METHYL AZIN- PHOS WAT FLT 0.7 U GF REC (UG/L) (82686)	PER- METHRIN CIS WAT FLT 0.7 U GF REC (UG/L) (82687)	ACIFL- UORFEN WATER FLTRD 0.7 U GF REC (UG/L) (49315)	
MAY 17.	1045	<0.05	<0.01	<0.00	<0.02	<0.01	<0.01	<0.05	<0.02	<0.05	
DATE	TIME	ALDI- CARB SULFONE WAT FLT GF 0.7 U REC (UG/L) (49313)	ALDICA- RB SUL- FOXIDE WAT FLT GF 0.7 U REC (UG/L) (49314)	ALDI- CARB WATER FLTRD 0.7 U GF REC (UG/L) (49312)	AMIBEN, WATER, FLTRD, DIS, REC (UG/L) (49307)	BRO- MACIL, WATER, FLTRD, DIS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, DIS, REC (UG/L) (49311)	CAR- BARYL, WATER, FLTRD, DIS, REC (UG/L) (49310)	CARBO- FURAN, WATER, FLTRD, DIS, REC (UG/L) (49309)	CHLORO- THALO- NIL, WAT FLT GF 0.7 U REC (UG/L) (49306)	
MAY 17.	1045	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
DATE	TIME	CLOPYR- ALID WATER, FLTRD, GF 0.7 U REC (UG/L) (49305)	OCRESOL 4,6- DINTRO WAT FLT GF 0.7 U REC (UG/L) (49299)	DACTHAL MONO- ACID, WAT FLT GF 0.7 U REC (UG/L) (49304)	DICAMBA WATER, FLTRD, GF 0.7 U REC (UG/L) (38442)	DICHLOR BENIL- WATER, FLTRD, GF 0.7 U REC (UG/L) (49303)	DICHLOR PROP WATER, FLTRD, GF 0.7 U REC (UG/L) (49302)	DINOSEB WATER, FLTRD, GF 0.7 U REC (UG/L) (49301)	DIURON WATER, FLTRD, GF 0.7 U REC (UG/L) (49300)	ESFEN- VAL- ERATE, WAT FLT GF 0.7 U REC (UG/L) (49298)	
MAY 17.	1045	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
DATE	TIME	FEN- URON WATER, FLTRD, GF 0.7 U REC (UG/L) (49297)	FLUO- METURON WATER, FLTRD, GF 0.7 U REC (UG/L) (38811)	3HYDRXY CARBO- FURAN WAT FLT GF 0.7 U REC (UG/L) (49308)	LINURON WATER, FLTRD, GF 0.7 U REC (UG/L) (38478)	MCPA WATER, FLTRD, GF 0.7 U REC (UG/L) (38482)	MCPB WATER, FLTRD, GF 0.7 U REC (UG/L) (38487)	METHIO- CARB WATER, FLTRD, GF 0.7 U REC (UG/L) (38501)	METH- OMYL WATER, FLTRD, GF 0.7 U REC (UG/L) (49296)	1-NAPH THOL WATER, FLTRD, GF 0.7 U REC (UG/L) (49295)	
MAY 17.	1045	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
DATE	TIME	NEB- URON WATER, FLTRD, GF 0.7 U REC (UG/L) (49294)	NORFLUR AZON WATER, FLTRD, GF 0.7 U REC (UG/L) (49293)	ORY- ZALIN WATER, FLTRD, GF 0.7 U REC (UG/L) (49292)	OXAMYL WATER, FLTRD, GF 0.7 U REC (UG/L) (38866)	PIC- LORAM WATER, FLTRD, GF 0.7 U REC (UG/L) (49291)	PRO- PHAM WATER, FLTRD, GF 0.7 U REC (UG/L) (49236)	PRO- POXUR WATER, FLTRD, GF 0.7 U REC (UG/L) (38538)	TRI- CLOPYR, WATER, FLTRD, GF 0.7 U REC (UG/L) (49235)	2,4-D, DIS- SOLVED (UG/L) (39732)	
MAY 17.	104										

ARKANSAS RIVER BASIN

07196973 PEACHEATER CREEK AT CHRISTIE, OKLAHOMA--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	GAGE HEIGHT (FEET) (00065)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER FIELD (STANDARD UNITS) (00400)	BAROMETRIC PRESSURE (MM OF HG) (00025)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, SOLVED (PER-CENT SATURATION) (00301)	COLIFORM, FECA, 0.7 UM-MF (COLS./100 ML) (31625)
MAY 16.	1530	1028	80020	4.98	137	7.2	750	18.5	8.7	94	130
DATE	TIME	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP-TOCOCCEI FECAL KF AGAR (COLS. / PER 100 ML) (31673)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	HARD-NESS NONCARB DISSOLV FLD AS CACO3 (MG/L) (00904)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD-SORPTION RATIO (00931)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)
MAY 16.	1530	140	160	55	13	20	1.2	2.8	9	0.2	2.5
DATE	TIME	ALKA-LINITY WAT DIS TOT FET FIELD (MG/L AS CACO3) (00418)	CARBONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	BICARBONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA-LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) (70301)
MAY 16.	1530	42	0	51	42	4.2	4.3	<0.10	8.5	86	80
DATE	TIME	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITROGEN NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITROGEN NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITROGEN AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITROGEN AMMONIA + ORGANIC DIS-SOLVED (MG/L AS N) (00625)	NITROGEN AMMONIA + ORGANIC DIS-SOLVED (MG/L AS N) (00623)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)
MAY 16.	1530	0.12	<0.010	2.50	2.50	<0.015	<0.20	<0.20	0.020	0.020	0.030
DATE	TIME	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C) (00689)	ALUMINUM, DIS-SOLVED (UG/L AS AL) (01106)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYLLIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM, DIS-SOLVED (UG/L AS CD) (01025)	CHROMIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)
MAY 16.	1530	0.9	0.1	20	<1	38	<1	<1.0	<1	<1	2
DATE	TIME	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGANESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELENIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	SEDIMENT, SUSPENDED (MG/L) (80154)	ATRAZINE, WATER, DISS REC (UG/L) (39632)
MAY 16.	1530	8	<1	1	<1	<1	<1	<1.0	<1	9	EO.01
DATE	TIME	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN, DIS-SOLVED (UG/L) (39381)	LINDANE, DIS-SOLVED (UG/L) (39341)	MALATHION, DIS-SOLVED (UG/L) (39532)	METOLACHLOR, WATER DISSOLV (UG/L) (39415)	PARATHION, DIS-SOLVED (UG/L) (39542)	ALPHA BHC, DIS-SOLVED (UG/L) (34253)	ALA-CHLOR, WATER, DISS REC (UG/L) (46342)	BUTYL-ATE, WATER, DISS REC (UG/L) (04028)	
MAY 16.	1530	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	
DATE	TIME	CHLOR-PYRIFOS, DIS-SOLVED (UG/L) (38933)	CYANAZINE, WATER, DISS REC (UG/L) (04041)	DEETHYL ATRAZINE, WATER, DISS REC (UG/L) (04040)	FONOFOS, WATER, DISS REC (UG/L) (04095)	P, P' DDE DISSOLV (UG/L) (34653)	PRO-METON, WATER, DISS REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS REC (UG/L) (04024)	SI-MAZINE, WATER, DISS REC (UG/L) (04035)	METRI-BUZIN, SENCOR, WATER DISSOLV REC (UG/L) (82630)	
MAY 16.	1530	<0.00	<0.01	EO.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	
DATE	TIME	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE, WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BACIL, WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN-URON, WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC, WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB-ULATE, WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	
MAY 16.	1530	<0.01	<0.01	<0.01	<0.01	<0.03	<0.04	<0.03	<0.00	<0.01	
DATE	TIME	TEBU-THIURON, WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL-INATE, WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO-PROP, WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO-FURAN, WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER-BUPOS, WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON-AMIDE, WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL-FOTON, WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL-LATE, WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	
MAY 16.	1530	EO.00	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.06	<0.01	
DATE	TIME	PRO-PANIL, WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR-BARYL, WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO-BENCARB, WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA, WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP-AMIDE, WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO-PARGITE, WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN-THION WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER-METHRIN, CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
MAY 16.	1530	<0.02	<0.05	<0.01	<0.00	<0.02	<0.01	<0.01	<0.04	<0.02	

ARKANSAS RIVER BASIN

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07197000 BARON FORK AT ELDON, OKLAHOMA

LOCATION.--Lat 35°55'16", long 94°50'18", in SW1/4NW1/4SE1/4 sec.27, T.17 N., R.23 E., Cherokee County, Oklahoma, Hydrologic Unit 11110103.

DRAINAGE AREA.--307 mi².

PERIOD OF RECORD.--Water years 1958-60, 76-80, 86-88, 91-95

WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	GAGE HEIGHT (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	BARO-METRIC PRES-SURE (MM HG)	TEMPER-ATURE WATER (DEG C)	TEMPER-ATURE AIR (DEG C)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)
MAY 17.	1530	1028	80020	4.83	180	8.3	750	22.0	29.5	10.4	121
SEP 06.	1130	1028	80020	4.52	206	7.4	756	23.0	24.0	8.5	100
DATE	TIME	COLI-FORM, FECAL, 0.7 U-MF (COLS./100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL /100 ML) (31633)	STREP-TOCOCCHI, KF AGAR (COLS. PER 100 ML) (31673)	HARD-NESS, TOTAL (MG/L AS CACO3) (00900)	HARD-NESS, NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD-SORP-TION RATIO (00931)
MAY 17.	1530	K7	K12	77	81	0	30	1.4	2.5	6	0.1
SEP 06.	1130	40	85	180	94	3	35	1.7	3.1	6	0.1
DATE	TIME	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKA-LINITY WAT DIS TOT FET FIELD (MG/L AS CACO3) (00418)	CAR-BONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA-LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
MAY 17.	1530	1.7	85	0	103	85	6.0	3.6	<0.10	6.1	101
SEP 06.	1130	2.1	93	0	111	91	5.0	4.7	<0.10	9.8	126
DATE	TIME	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AMMONIA + ORGANIC DIS-SOLVED (MG/L AS N) (00625)	NITRO-GEN, AMMONIA + ORGANIC DIS-SOLVED (MG/L AS N) (00623)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)
MAY 17.	1530	106	0.14	<0.010	0.880	0.880	0.010	<0.20	<0.20	<0.010	<0.010
SEP 06.	1130	118	0.17	<0.010	0.480	0.480	0.030	<0.20	<0.20	0.050	0.050
DATE	TIME	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS-PENDED TOTAL (MG/L AS C) (00689)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SED. SUSP. SIEVE # 60, DIAM. 0.062 MM (70331)	ATRA-ZINE, WATER, DIS-SOLVED (UG/L) (39632)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRI-N, DIS-SOLVED (UG/L) (39381)
MAY 17.	1530	<0.010	1.0	0.1	<3	3	3	95	<0.02	<0.01	<0.01
SEP 06.	1130	0.030	0.5	0.1	10	4	2	--	--	--	--
DATE	TIME	LINDANE DIS-SOLVED (UG/L) (39341)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METO-LACHLOR, DIS-SOLV (UG/L) (39415)	PARA-THION, DIS-SOLVED (UG/L) (39542)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	2,4,5-T DIS-SOLVED (UG/L) (39742)	SILVEX, DIS-SOLVED (UG/L) (39762)	ALPHA BHC, DIS-SOLVED (UG/L) (34253)	ALA-CHLOR, WATER, DIS-SOLVED (UG/L) (46342)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)
MAY 17.	1530	<0.01	<0.01	<0.01	<0.02	<0.05	<0.05	<0.05	<0.01	<0.01	<0.05
DATE	TIME	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CHLOR-PYRIFOS, DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DEATHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	FONOFOS WATER, DISS, REC (UG/L) (04095)	P, P' DDE DISSOLV (UG/L) (34653)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	METRI-BUZIN, SENCOR, WATER, DISSOLV (UG/L) (06230)
MAY 17.	1530	<0.01	<0.01	<0.01	<0.00	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01
DATE	TIME	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	DIMETH-OATE WATER FLTRD 0.7 U GF, REC (UG/L) (82662)	ETHAL-PARA-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA-THON WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB-ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)
MAY 17.	1530	<0.01	<0.01	<0.02	<0.01	<0.01	<0.03	<0.04	<0.03	<0.00	<0.01
DATE	TIME	TEBU-THURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)
MAY 17.	1530	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.06	<0.01	<0.02

07197000 BARON FORK AT ELDON, OKLAHOMA--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

[illegible]

ARKANSAS RIVER BASIN

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07197000 BARON FORK AT ELDON, OKLAHOMA--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	GAGE HEIGHT (FEET) (00065)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	BARO-METRIC PRES-URE (MM OF HG) (00025)	TEMPER-ATURE WATER (DEG C) (00010)	TEMPER-ATURE AIR (DEG C) (00020)	OXYGEN, DIS-SOLVED (MG/L) (00300)
MAY	15. 1530		1028 80020	624	6.17	167	7.9	754	20.0	29.5	8.7
DATE	TIME	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP-TOCOCCI FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD-NESS TOTAL (MG/L AS CAC03) (00900)	HARD-NESS NONCARB DISSOLV FLD. AS CAC03 (MG/L) (00904)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
MAY	15. 1530	97	37	37	97	76	11	28	1.4	2.4	6
DATE	TIME	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKA-LINITY WAT DIS TOT FET FIELD MG/L AS CAC03 (00418)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CAC03 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
MAY	15. 1530	0.1	1.8	65	0	79	65	5.1	3.1	<0.10	8.0
DATE	TIME	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00630)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
MAY	15. 1530	99	95	167	0.13	<0.010	1.50	1.50	<0.015	<0.20	<0.20
DATE	TIME	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS-PENDED TOTAL (MG/L AS C) (00689)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, CHARGE, SUS-PENDED (T/DAY) (80155)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)
MAY	15. 1530	0.030	0.030	0.030	1.0	0.2	10	7	20	33	E0.01
DATE	TIME	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	LINDANE DIS-SOLVED (UG/L) (39341)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	PARA-THION, DIS-SOLVED (UG/L) (39542)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	ALA-CHLOR, WATER, DISS, REC (UG/L) (46342)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	
MAY	15. 1530	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01
DATE	TIME	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	FONOFOS WATER DISS REC (UG/L) (04095)	P,P' DDE DISSOLV (UG/L) (34653)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	
MAY	15. 1530	<0.00	<0.01	E0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01
DATE	TIME	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	PEB-ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	
MAY	15. 1530	<0.01	<0.01	<0.01	<0.01	<0.03	<0.04	<0.03	<0.00	<0.01	<0.01
DATE	TIME	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	
MAY	15. 1530	E0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.06	<0.01	<0.01
DATE	TIME	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
MAY	15. 1530	<0.02	<0.05	<0.01	<0.00	<0.02	<0.01	<0.01	<0.04	<0.02	<0.02

ARKANSAS RIVER BASIN

07247000 POTEAU RIVER AT CAUTHRON

LOCATION.--Lat 34°55'08", long 94°17'55", in NW¼SW¼ sec.16, T.3 N., R.31 W., Scott County, Hydrologic Unit 11110105, on right bank at downstream side of highway bridge at Cauthron, 2.9 mi downstream from Cross Creek, 7.8 mi downstream from Jones Creek, and at mile 109.0.

DRAINAGE AREA.--203 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--February 1939 to current year.

REVISED RECORDS.--WSP 1037: 1939(M). WRD Ark. 1970: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 569.53 ft above sea level. Prior to May 2, 1939, nonrecording gage at present site and datum. Satellite data collection platform installed September 13, 1991.

REMARKS.--Water-discharge records good. As of September 1974, flow from 92.2 mi² upstream from this station is controlled by 16-floodwater detention reservoirs that have a total combined capacity of 39,082 acre-ft below the flood spillway crests, of which 33,524 acre-ft is flood detention capacity, 2,100 acre-ft is water-supply storage, and 3,458 acre-ft is sediment storage capacity.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in June 1935 reached a stage of 27.4 ft, from information by local resident.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	12	202	159	254	45	54	1120	382	134	5.2	1.3
2	2.2	12	173	138	223	39	48	648	550	42	4.3	1.1
3	2.8	16	151	126	197	35	43	432	680	17	3.8	.96
4	3.1	48	133	125	169	33	79	362	361	8.6	3.2	.89
5	3.1	e8180	120	114	150	33	106	292	258	7.9	3.0	.81
6	3.2	e2390	109	166	134	33	78	396	198	37	2.6	.75
7	4.7	e780	97	247	131	737	65	1040	142	21	3.0	.78
8	24	e550	426	169	123	454	59	8540	106	10	1.8	.80
9	40	e3860	3080	150	108	271	51	3000	82	5.8	1.4	.80
10	18	e2390	2220	136	100	210	47	1430	252	3.8	1.7	.81
11	3.4	e730	1120	130	92	169	3500	1090	733	3.0	1.7	.85
12	1.2	e620	663	126	81	141	1270	859	493	2.3	1.1	1.1
13	1.8	e482	483	4690	72	125	670	705	266	2.0	.83	1.5
14	3.1	e3550	408	3940	67	164	409	538	167	1.7	.71	2.2
15	4.3	e2460	363	1420	67	195	302	426	113	1.5	.58	2.7
16	6.1	1390	1290	1030	70	199	238	343	81	1.2	.51	4.1
17	9.6	820	846	725	70	155	211	277	59	1.1	.38	52
18	12	577	531	716	68	127	224	228	44	.96	.26	15
19	12	460	401	1650	62	109	209	188	32	.91	.51	1.9
20	14	391	728	881	55	95	740	151	25	.96	1.6	.67
21	19	377	967	629	51	78	441	125	20	3.2	2.0	.26
22	19	289	574	502	47	65	287	103	15	95	2.4	.10
23	17	231	432	482	42	55	266	84	12	30	3.1	.01
24	17	193	361	511	39	47	262	69	114	15	3.1	.01
25	14	166	305	599	38	39	202	115	53	15	2.9	.01
26	12	151	264	496	35	243	165	110	26	15	2.6	.00
27	10	1160	228	516	36	300	143	74	14	14	2.2	.00
28	10	517	200	421	45	136	122	64	9.4	13	2.0	.00
29	11	319	195	335	---	95	161	50	7.3	9.5	1.7	.15
30	11	242	219	334	---	76	237	38	22	6.5	1.6	.20
31	12	---	177	290	---	63	---	182	---	5.3	1.4	---
TOTAL	322.0	33363	17466	21953	2626	4566	10689	23079	5316.7	524.23	63.18	91.76
MEAN	10.4	1112	563	708	93.8	147	356	744	177	16.9	2.04	3.06
MAX	40	8180	3080	4690	254	737	3500	8540	733	134	5.2	52
MIN	1.2	12	97	114	35	33	43	38	7.3	.91	.26	.00
AC-FT	639	66180	34640	43540	5210	9060	21200	45780	10550	1040	125	182

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 1995, BY WATER YEAR (WY)

	MEAN	115	254	363	287	361	419	349	527	216	59.2	19.6	17.0
MAX	1423	1112	1078	907	1246	849	1092	2080	846	314	83.1	124	124
(WY)	1985	1995	1983	1993	1989	1975	1991	1990	1986	1981	1990	1992	1992
MIN	.015	4.32	2.02	14.1	48.2	59.9	42.5	13.6	2.35	.41	.81	.19	.19
(WY)	1979	1990	1990	1981	1976	1986	1976	1977	1988	1980	1976	1980	1980

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1975 - 1995

ANNUAL TOTAL	116550.1	120059.87	a249
ANNUAL MEAN	319	329	432
HIGHEST ANNUAL MEAN			48.7
LOWEST ANNUAL MEAN			16900
HIGHEST DAILY MEAN	8180	Nov 5	May 3 1990
LOWEST DAILY MEAN	1.2	Sep 19	Aug 30 1976
ANNUAL SEVEN-DAY MINIMUM	1.3	Sep 17	Oct 7 1978
INSTANTANEOUS PEAK FLOW			May 3 1990
INSTANTANEOUS PEAK STAGE			May 3 1990
INSTANTANEOUS LOW FLOW			at times
ANNUAL RUNOFF (AC-FT)	231200	238100	180000
10 PERCENT EXCEEDS	808	726	605
50 PERCENT EXCEEDS	47	81	51
90 PERCENT EXCEEDS	3.2	1.3	1.6

^aPrior to regulation, water years 1940-74, 218 ft³/s

^bMaximum discharge for period of record, 32,200 ft³/s May 20, 1960

^cMaximum gage height for period of record, 23.76 ft May 20, 1960

^eEstimated

ARKANSAS RIVER BASIN

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07247000 POTEAU RIVER AT CAUTHRON--CONTINUED
WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 27, 1995 to September 30, 1995.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
JUN 27.	1500	80513	81213	15	98	6.8	26.0	6.9	87	K20
AUG 01.	1400	80513	81213	5.1	152	8.9	29.5	9.7	130	--
DATE	TIME	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP- TOCOCCHI FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
JUN 27.	1500	K37	120	17	2.7	2.5	14	59	1	2.9
AUG 01.	1400	--	160	23	3.4	3.6	24	61	2	8.2
DATE	TIME	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	
JUN 27.	1500	7.5	6.6	60	0.220	0.010	0.230	0.230	0.010	
AUG 01.	1400	14	24	106	0.920	0.020	0.940	0.940	0.020	
DATE	TIME	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	
JUN 27.	1500	0.44	0.45	0.190	0.140	0.130	35	1.4	92	
AUG 01.	1400	0.98	1.0	0.560	0.400	0.430	--	--	--	

ARKANSAS RIVER BASIN

07249400 JAMES FORK NEAR HACKETT

LOCATION.--Lat 35°09'45", long 94°24'25", in NW1/4NW1/4 sec.34, T.6 N., R.32 W., Sebastian County, Hydrologic Unit 11110105, near left bank on downstream side of bridge on State Highway 45, 1.7 mi south of Hackett, 2.0 mi downstream from Elder Branch, 2.0 mi upstream from small tributary, and 3.6 mi upstream from Arkansas-Oklahoma State line.

DRAINAGE AREA.--147 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1958 to current year.

REVISED RECORDS.--WRD Ark. 1970: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 457.71 ft above sea level. Prior to Oct. 1, 1990, at datum 2.00 ft higher.

REMARKS.--Water-discharge records good. Satellite telemeter at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	13	92	89	200	33	44	608	39	243	5.8	2.0
2	1.2	14	82	78	172	29	40	366	34	66	5.8	1.9
3	1.3	135	75	71	146	28	38	195	242	37	5.8	2.0
4	1.6	778	69	73	122	28	54	146	138	28	5.8	2.5
5	1.9	4590	64	66	108	27	64	110	64	32	5.7	2.4
6	2.2	1020	61	147	96	28	46	240	95	41	10	2.6
7	2.2	325	59	211	88	1080	38	720	55	28	6.1	2.8
8	2.8	218	439	119	79	383	34	4730	36	27	5.2	3.2
9	5.5	1690	2250	97	72	210	31	1990	27	16	5.1	3.3
10	4.1	1110	1140	82	71	152	32	501	795	14	4.9	3.5
11	2.3	402	509	79	65	121	385	318	813	13	4.8	3.5
12	1.3	275	350	79	59	104	308	236	356	12	4.3	4.2
13	.91	208	271	2940	54	98	138	183	164	11	4.1	3.8
14	1.2	1830	232	4680	52	143	92	133	98	11	4.0	3.6
15	1.6	2170	210	851	56	160	69	100	65	10	3.9	4.2
16	1.8	741	501	526	62	136	55	80	48	9.8	3.7	6.2
17	2.1	441	417	393	58	106	49	69	38	9.5	3.6	8.9
18	2.5	315	265	487	52	86	57	59	32	9.2	3.4	8.5
19	2.6	244	206	1300	47	75	243	e50	28	8.9	3.0	6.5
20	1.9	248	442	644	44	65	1180	e45	25	8.4	2.9	5.3
21	2.6	309	476	417	40	49	400	e40	23	8.4	2.8	4.5
22	2.5	191	294	349	37	43	204	37	21	8.4	2.9	3.9
23	2.2	141	225	365	35	41	188	34	21	8.4	2.8	3.6
24	2.5	119	182	423	34	35	162	31	54	11	2.7	3.2
25	3.2	108	152	439	31	38	113	30	43	11	2.7	3.1
26	3.5	100	132	342	30	53	87	43	25	9.7	2.8	3.1
27	4.5	304	117	398	34	233	72	52	19	8.5	2.9	3.3
28	5.6	245	104	327	37	115	69	35	17	7.7	2.5	6.1
29	6.4	141	107	248	---	74	181	26	24	7.0	2.3	5.5
30	8.1	108	119	277	---	59	230	23	18	6.6	2.4	4.2
31	9.9	---	98	231	---	50	---	41	---	6.0	2.3	---
TOTAL	93.21	18533	9740	16828	1981	3882	4703	11271	3457	727.5	127.0	121.4
MEAN	3.1	618	314	543	70.7	125	157	364	115	23.5	4.1	4.05
MAX	9.9	4590	2250	4680	200	1080	1180	4730	813	243	10	8.9
MIN	.91	13	59	66	30	27	31	23	17	6.0	2.3	1.9
AC-FT	185	36760	19320	33380	3930	7700	9330	22360	6860	1440	252	241
CFSM	.02	4.20	2.14	3.69	.48	.85	1.07	2.47	.78	.16	.03	.03
IN.	.02	4.69	2.46	4.26	.50	.98	1.19	2.85	.87	.18	.03	.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 1995, BY WATER YEAR (WY)

	MEAN	78.0	153	208	151	199	266	236	301	94.5	37.7	10.7	17.6
MAX	867	633	760	543	678	915	1047	1203	342	430	81.7	83.6	
(WY)	1985	1985	1972	1995	1989	1973	1973	1990	1989	1961	1981	1970	
MIN	.000	.000	.40	.50	1.08	.92	31.4	21.9	3.14	1.69	.015	.000	
(WY)	1964	1964	1967	1964	1967	1967	1982	1962	1966	1964	1980	1963	

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1958 - 1995

ANNUAL TOTAL	74961.31	71464.11	
ANNUAL MEAN	205	196	144
HIGHEST ANNUAL MEAN			308
LOWEST ANNUAL MEAN			29.5
HIGHEST DAILY MEAN	4590	Nov 5	17100
LOWEST DAILY MEAN	.91	Oct 13	.00
ANNUAL SEVEN-DAY MINIMUM	1.0	Sep 24	.00
INSTANTANEOUS PEAK FLOW			7860
INSTANTANEOUS PEAK STAGE			22.93
INSTANTANEOUS LOW FLOW			.87
ANNUAL RUNOFF (AC-FT)	148700	141700	104600
ANNUAL RUNOFF (CFSM)	1.40	1.33	.98
ANNUAL RUNOFF (INCHES)	18.97	18.08	13.35
10 PERCENT EXCEEDS	458	408	275
50 PERCENT EXCEEDS	52	50	32
90 PERCENT EXCEEDS	2.6	2.8	1.3

^aFrom rating curve extended above 20,000 ft³/s

^bAt present datum

^cEstimated

ARKANSAS RIVER BASIN

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07249400 JAMES FORK NEAR HACKETT--CONTINUED

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1960 to September 1971, October 1975 to September 1978, October 1983 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
JUN 27. AUG 02.	1200 0830	80513 80513	81213 81213	22 8.0	299 340	7.1 7.4	23.5 26.5	5.8 4.3	69 55	80 170
DATE	TIME	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP- TOCOCCHI FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
JUN 27. AUG 02.	1200 0830	80 170	K20 65	120 110	19 17	17 16	22 20	29 28	0.9 0.8	2.1 2.8
DATE	TIME	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	
JUN 27. AUG 02.	1200 0830	67 60	4.0 5.3	182 184	0.00 0.020	0.070 0.010	0.030 0.030	0.030 0.030	0.020 0.050	
DATE	TIME	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	
JUN 27. AUG 02.	1200 0830	0.19 0.25	0.21 0.30	0.030 0.060	0.030 0.050	0.010 <0.010	46 43	2.7 0.93	99 92	

ARKANSAS RIVER BASIN

07249985 LEE CREEK NEAR SHORT, OKLAHOMA

LOCATION.--Lat 35°31'09", long 94°27'58", in NW¼NE¼ sec.17, T.12 N., R.27 E., Indian Meridian, Sequoyah County, Oklahoma, Hydrologic Unit 11110104, on left bank 0.5 mi west of Arkansas-Oklahoma State line, 500 ft downstream from Webbers Creek, 41 mi south of Short, Oklahoma, 7.5 mi southwest of Uniontown, Arkansas, and at mile 11.0.

DRAINAGE AREA.--420 mi².

PERIOD OF RECORD.--September 1930 to June 1937, October 1950 to current year. Prior to October 1992, published as "07250000 Lee Creek near Van Buren".

REVISED RECORDS.--WSP 1211: 1931(M). WSP 1441: 1935(M)/ WRD Ark. 1970: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 429.44 ft above sea level. Prior to October 1992 recording gage 3.2 mi downstream at datum 21.40 ft lower. September 1930 to June 1937, nonrecording gage at former site and datum.

REMARKS.--Records good except estimated daily discharges which are fair. Satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORDS.--Flood of Apr. 15, 1945, reached a stage of about 35.0 ft, from floodmarks at former site and datum, discharge about 112,000 ft³/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.4	26	318	276	706	620	355	3280	284	274	70	.86
2	3.2	25	292	259	646	532	328	2230	267	194	59	.62
3	2.6	309	274	247	582	497	306	1530	254	155	53	.46
4	2.5	3640	256	231	513	476	304	1310	506	132	45	.39
5	e4.0	e7290	240	218	465	466	286	1030	747	172	39	.36
6	e10	2570	225	224	423	456	265	1600	1180	329	34	.12
7	e30	1630	213	230	390	2690	247	3540	701	215	30	.00
8	e30	1060	658	231	354	2050	231	14700	501	151	26	.00
9	e40	2090	4910	225	327	1380	219	4920	2110	117	24	.00
10	e30	e2330	2790	220	310	1090	223	2620	2130	92	21	.00
11	20	e1370	1690	216	296	907	2180	1730	4410	70	18	.00
12	23	1010	1250	224	277	782	2250	1280	2130	60	16	.29
13	26	787	985	4170	256	715	1310	1020	1250	50	14	.68
14	24	4630	816	7630	246	999	964	838	860	35	12	.79
15	23	5600	695	3140	266	1030	771	948	638	49	11	1.9
16	31	e2750	912	2020	360	900	638	713	494	36	10	10
17	30	e1730	855	1490	367	768	549	569	392	33	8.4	20
18	26	1240	705	1690	323	668	706	495	318	45	7.5	17
19	26	979	604	3620	300	594	954	432	262	43	7.6	14
20	29	1060	629	2570	284	534	6630	363	220	41	6.5	12
21	38	1690	635	1990	269	477	3030	307	183	47	4.9	12
22	39	1180	577	1600	255	431	1800	267	160	38	4.0	11
23	36	e942	514	1330	243	395	1650	235	157	38	3.0	11
24	38	e794	467	1160	231	353	1510	228	386	102	2.9	9.2
25	37	669	425	1040	219	322	1160	780	396	119	2.5	8.7
26	35	586	390	985	217	513	932	867	245	183	2.1	9.2
27	32	541	357	1040	455	712	763	822	178	578	1.6	8.7
28	32	e479	331	1030	782	580	621	588	144	314	1.2	10
29	29	e419	313	896	---	487	987	431	810	193	1.2	20
30	28	363	293	830	---	427	2270	337	488	131	1.3	21
31	27	---	279	760	---	387	---	295	---	93	1.2	---
TOTAL	784.7	49789	23898	41792	10362	23238	34439	50305	22801	4129	537.9	200.27
MEAN	25.3	1660	771	1348	370	750	1148	1623	760	133	17.4	6.68
MAX	40	7290	4910	7630	782	2690	6630	14700	4410	578	70	21
MIN	2.5	25	213	216	217	322	219	228	144	33	1.2	.00
AC-FT	1560	98760	47400	82890	20550	46090	68310	99780	45230	8190	1070	397
CFSM	.06	3.95	1.84	3.21	.88	1.78	2.73	3.86	1.81	.32	.04	.02
IN.	.07	4.41	2.12	3.70	.92	2.06	3.05	4.46	2.02	.37	.05	.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1931 - 1995, BY WATER YEAR (WY)

MEAN	241	520	554	533	714	1057	1074	966	434	124	48.8	136
MAX	2837	3572	2378	2557	2824	3100	3657	3516	4450	1909	583	1678
(WY)	1971	1974	1988	1932	1989	1973	1957	1957	1935	1958	1958	1974
MIN	.000	.13	1.95	3.31	18.8	25.2	94.6	41.3	7.00	1.19	.000	.000
(WY)	1957	1957	1967	1956	1967	1967	1954	1977	1936	1936	1934	1954

SUMMARY STATISTICS

	FOR 1994 CALENDAR YEAR	FOR 1995 WATER YEAR	WATER YEARS 1931 - 1995
ANNUAL TOTAL	213082.8	262275.87	532
ANNUAL MEAN	584	719	1090
HIGHEST ANNUAL MEAN			92.5
LOWEST ANNUAL MEAN			40000
HIGHEST DAILY MEAN	7290 Nov 5	14700 May 8	Nov 24 1973
LOWEST DAILY MEAN	2.5 Oct 4	.00 Sep 7	Sep 8 1932
ANNUAL SEVEN-DAY MINIMUM	3.4 Sep 29	.06 Sep 6	Sep 8 1932
INSTANTANEOUS PEAK FLOW		24100 May 8	May 6 1960
INSTANTANEOUS PEAK STAGE		15.99 May 8	May 6 1960
INSTANTANEOUS LOW FLOW		.00 Sep 6-12	at times
ANNUAL RUNOFF (AC-FT)	422600	520200	385500
ANNUAL RUNOFF (CFSM)	1.39	1.71	1.27
ANNUAL RUNOFF (INCHES)	18.87	23.23	17.21
10 PERCENT EXCEEDS	1540	1730	1200
50 PERCENT EXCEEDS	258	314	132
90 PERCENT EXCEEDS	17	8.7	2.1

^aAt former site and datum

^eEstimated

ARKANSAS RIVER BASIN

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07250085 LEE CREEK AT LEE CREEK RESERVOIR NEAR VAN BUREN

LOCATION.--Lat 35°29'02", long 94°42'33", in SE1/4SW1/4, sec.3, T.9 N., R.32 W., Crawford County, Hydrologic Unit 11110104, in control house at dam on left bank, 2.8 mi northwest of Van Buren.

DRAINAGE AREA.--432 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1992 to current year.

GAGE.--Water-stage recorder. Datum of gage is 400.00 ft above sea level.

REMARKS.--No estimated daily discharges. Water-discharge records good. Records given herein represent spillway flow and do not include water diverted for municipal water supply of Fort Smith. Flow regulated by storage in Lee Creek Reservoir, capacity 7, 118 acre-ft and power releases.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	15	270	244	640	586	318	3440	224	204	52	.00
2	.00	19	246	234	590	501	296	2340	214	143	45	.00
3	.00	137	227	216	527	464	284	1530	208	120	37	.00
4	.00	3550	223	197	467	452	281	1260	393	108	23	.00
5	.00	13400	201	177	421	444	261	983	676	122	22	.00
6	.00	4290	188	203	388	450	229	1330	1050	194	21	.00
7	.00	1640	166	191	340	2570	207	4000	634	155	14	.00
8	.00	975	448	204	316	2130	193	17300	424	104	8.1	.00
9	.00	1900	5610	192	292	1360	183	6420	1770	77	3.3	.00
10	.00	2730	2970	189	274	1040	204	2630	1810	59	.00	.00
11	.00	1410	1680	188	255	848	1880	1640	5180	46	.00	.00
12	.00	940	1200	209	242	727	2390	1200	2090	38	.00	.00
13	.00	700	924	4200	220	666	1300	932	1160	28	.00	.00
14	.00	5760	751	10500	213	898	925	747	757	9.6	.00	.00
15	.00	7510	635	3400	231	952	735	913	528	26	.00	.00
16	.00	2820	838	1990	300	828	598	701	394	19	.00	.00
17	.00	1690	802	1440	330	697	521	545	300	20	.00	.00
18	.00	1180	657	1410	291	608	584	436	234	19	.00	.00
19	.00	892	546	3830	270	540	847	366	184	20	.00	.00
20	.00	918	577	2570	245	484	8350	312	147	28	.00	.00
21	.00	1570	584	1910	227	431	3390	290	117	27	.00	.00
22	.00	1120	521	1550	211	385	1830	267	104	23	.00	.00
23	.00	835	459	1260	199	338	1570	225	90	21	.00	.00
24	.00	684	419	1080	190	317	1510	217	188	47	.00	.00
25	.00	591	395	950	177	304	1160	600	284	71	.00	.00
26	.00	519	358	897	184	421	931	846	156	80	.00	.00
27	3.1	480	330	959	172	619	722	766	113	372	.00	.00
28	18	410	307	961	702	537	599	536	90	209	.00	.00
29	24	353	293	826	---	443	892	380	600	127	.00	.00
30	26	307	276	753	---	390	2260	293	405	89	.00	.00
31	23	---	264	694	---	352	---	253	---	64	.00	---
TOTAL	94.10	59345	23365	43624	9114	21782	35450	53698	20524	2669.6	225.40	0.00
MEAN	3.04	1978	754	1407	325	703	1182	1732	684	86.1	7.27	.000
MAX	26	13400	5610	10500	702	2570	8350	17300	5180	372	52	.00
MIN	.00	15	166	177	177	304	183	217	90	9.6	.00	.00
AC-FT	187	117700	46340	86530	18080	43200	70320	106500	40710	5300	447	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1995, BY WATER YEAR (WY)

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MEAN	152	1283	1015	858	667	1038	1307	1218	544	102	20.6	55.3	
MAX	454	1978	1666	1407	908	1367	2178	1732	878	204	54.6	162	
(WY)	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
MIN	.000	887	624	203	325	703	563	598	69.1	17.5	.000	.000	
(WY)	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	

SUMMARY STATISTICS

	FOR 1994 CALENDAR YEAR	FOR 1995 WATER YEAR	WATER YEARS 1993 - 1995
ANNUAL TOTAL	198580.20	269891.10	
ANNUAL MEAN	544	739	687
HIGHEST ANNUAL MEAN			833
LOWEST ANNUAL MEAN			490
HIGHEST DAILY MEAN	13400	17300	18500
LOWEST DAILY MEAN	.00	.00	.00
ANNUAL SEVEN-DAY MINIMUM	.00	.00	.00
INSTANTANEOUS PEAK FLOW		26400	32000
INSTANTANEOUS PEAK STAGE		23.76	24.23
INSTANTANEOUS LOW FLOW		.00 at times	.00 at times
ANNUAL RUNOFF (AC-FT)	393900	535300	497900
10 PERCENT EXCEEDS	1420	1680	1670
50 PERCENT EXCEEDS	104	276	216
90 PERCENT EXCEEDS	.00	.00	.00

ARKANSAS RIVER BASIN

07250085 LEE CREEK AT LEE CREEK RESERVOIR NEAR VAN BUREN--CONTINUED

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1992 to current year.

COOPERATION.--Power releases furnished by the City of Fort Smith.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST- CUBIC FEET PER SECOND (00061)	SPE- CFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
JUN 28.	0900	80513	81213	90	91	7.1	27.0	7.7	99	K52
AUG 02.	1030	80513	81213	38	104	7.5	29.0	5.6	75	K2
DATE	TIME	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP- TOCOCCHI FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CAC03) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
JUN 28.	0900	K1	K9	39	13	1.5	5.8	24	0.4	1.1
AUG 02.	1030	<1	K1	40	13	1.8	2.5	11	0.2	1.6
DATE	TIME	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)
JUN 28.	0900	3.7	1.9	64	0.010	0.010	0.020	0.020	0.020	0.30
AUG 02.	1030	3.1	2.8	56	--	<0.010	--	<0.020	0.040	0.38
DATE	TIME	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHOPHOS- PHATE DIS- SOLVED (MG/L AS P) (00671)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. # FINER THAN .062 MM (70331)	CHLOR-A PHYTO- PLANK- TON CHROMO- FLUOROM (UG/L) (70953)	
JUN 28.	0900	0.32	0.050	<0.020	0.010	23	5.6	88	1.00	
AUG 02.	1030	0.42	0.020	0.020	<0.010	19	1.9	83	--	

07250550 ARKANSAS RIVER AT JAMES W. TRIMBLE LOCK AND DAM NEAR VAN BUREN

LOCATION.--Lat 35°20'56", long 94°17'54", in sec.28, T.8 N., R.31 W., Sebastian County, Hydrologic Unit 11110104, in metal shelter on dam and at mile 308.9.

DRAINAGE AREA.--150,547 mi², of which 22,241 mi² is probably noncontributing.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1927 to current year. Prior to October 1969, published as "07250500 Arkansas River at Van Buren", and October 1969 to September 1988, published as "at Dam No. 13", near Van Buren. Gage-height records collected from 1879 to December 1955 at Fort Smith, 16.3 mi upstream, are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 1211: 1934-36. WSP 1561: 1554. WRD Ark. 1970: Drainage area.

GAGE.--Water-stage and gate position recorder. Datum of gage is at mean sea level (levels by U.S. Army Corps of Engineers). Prior to Oct. 1, 1934, nonrecording gage, and Oct. 1, 1934, to Dec. 20, 1969, recording gage at site 7.9 mi upstream at datum 372.36 ft higher.

REMARKS.--Water-discharge records good, except for discharges below 10,000 ft³/s, which are fair. Beginning Apr. 26, 1970, daily discharge computed from relation between discharge, head, and gate openings. Flow regulated upstream by many locks, dams, and reservoirs. On Oct. 19, 1988, the Arkansas Electric Cooperative Corporation hydroplant began operation, and discharges at the hydroplant are added to flows from the lock and dam. Satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1833, that of Apr. 16, 1945, and maximum discharge since at least 1833, that of May 12, 1943. Flood in June 1833 reached a stage of 38.0 ft on Fort Smith gage, from records collected by National Weather Service. Flood of Apr. 16, 1927, reached a stage of 35.0 ft, former site and datum, from information by local resident.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2640	E1890	76500	17200	44700	17900	34200	109000	159000	157000	39700	30500
2	81	E951	76200	18900	43600	21600	20000	109000	171000	154000	40300	17600
3	4520	E6430	78100	20200	43700	18100	19800	113000	171000	150000	38500	9490
4	10700	E20200	76900	13400	43800	17000	23200	125000	163000	147000	48500	7080
5	2410	E74100	68800	11900	43800	17000	14200	126000	165000	147000	E65600	6260
6	1930	E50800	54100	19400	36300	E23700	13300	125000	177000	146000	E66700	7110
7	2670	E71500	51100	19500	18800	E46700	11400	125000	169000	146000	E67400	12200
8	20300	68700	58700	7350	29900	57800	8080	148000	148000	147000	67900	2570
9	5330	83600	86300	16300	34400	49600	10300	186000	147000	149000	69200	92
10	4440	93300	79600	11800	33400	43400	21500	179000	161000	149000	E67200	290
11	4230	90200	59200	14900	21400	40800	48600	156000	203000	147000	E58000	4440
12	2630	81100	46600	7890	17500	35800	56700	149000	246000	146000	E59300	3660
13	2920	74400	44900	37500	19300	24000	48600	151000	270000	146000	58900	4240
14	2640	91000	45200	99500	17300	E33900	42400	151000	283000	146000	54300	8790
15	31	105000	42700	67100	14000	E47300	40500	153000	290000	141000	41100	11600
16	2910	79700	46800	46800	12300	E68500	40400	152000	278000	119000	42200	26400
17	10700	62200	48300	39200	13900	E65400	38900	149000	257000	97100	41800	3600
18	5840	49700	49800	43700	10600	70600	47800	150000	245000	90000	45600	20900
19	4300	56900	46400	71400	6120	69300	68900	149000	229000	74700	53200	4570
20	10900	60400	49000	61200	13000	70200	108000	149000	211000	79200	50700	10500
21	16500	87600	40700	54100	11000	74600	104000	150000	195000	77600	55900	12400
22	3760	95200	31200	47900	6940	73900	80200	150000	173000	68400	56000	17800
23	16200	103000	28500	45600	6260	72000	81100	151000	159000	54500	60700	6120
24	1720	94300	27300	44100	3080	70200	86900	153000	153000	41200	57800	18900
25	E9340	93700	23500	38700	4710	65600	94600	161000	157000	44100	49100	10600
26	E4120	94400	16100	44800	9920	75000	79500	162000	162000	52300	41000	10800
27	E5440	98000	15800	44200	18100	64000	77000	161000	157000	53100	39300	19900
28	E1820	96600	13500	44200	25800	49400	78400	157000	149000	47500	41200	5010
29	E.00	89400	23500	44200	---	48600	84100	148000	147000	43500	38200	18200
30	E307	80200	16600	42100	---	45700	112000	146000	151000	39100	36900	12600
31	E4210	---	7660	45500	---	37000	---	152000	---	40800	35400	---
TOTAL	165539.00	2154471	1429560	1140540	603630	1514600	1594580	4545000	5746000	3240100	1587600	324222
MEAN	5340	71820	46110	36790	21560	48860	53150	146600	191500	104500	51210	10810
MAX	20300	105000	86300	99500	44700	75000	112000	186000	290000	157000	69200	30500
MIN	00	951	7660	7350	3080	17000	8080	109000	147000	39100	35400	92
AC-FT	328300	4273000	2836000	2262000	1197000	3004000	3163000	9015000	11400000	6427000	3149000	643100

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1970 - 1995, BY WATER YEAR (WY)

	MEAN	27210	38330	38320	33250	33790	58210	61740	67480	63360	30270	16230	16060
MAX	224500	161200	139700	112300	87650	147200	164300	187500	191500	104500	62670	54130	
(WY)	1987	1975	1993	1993	1993	1987	1973	1990	1995	1995	1992	1989	
MIN	1446	1329	3187	696	2655	5658	2910	12160	4688	4457	4378	3341	
(WY)	1981	1981	1981	1981	1981	1981	1981	1971	1988	1988	1991	1983	

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1970 - 1995

ANNUAL TOTAL	14212104.00	24045842.00	
ANNUAL MEAN	38940	65880	^a 40350
HIGHEST ANNUAL MEAN			87670
LOWEST ANNUAL MEAN			7737
HIGHEST DAILY MEAN	149000	290000	397000 ^b
LOWEST DAILY MEAN	.00	.00	.00
ANNUAL SEVEN-DAY MINIMUM	2090	2090	364
INSTANTANEOUS PEAK FLOW		2940000	^d 4010000
INSTANTANEOUS PEAK STAGE		397.05	^e 401.75
ANNUAL RUNOFF (AC-FT)	281900000	476900000	292300000
10 PERCENT EXCEEDS	104000	152000	110000
50 PERCENT EXCEEDS	20300	47500	24000
90 PERCENT EXCEEDS	2800	5780	3160

^aPrior to regulation water years 1928-69, 30,220 ft³/s.

^bAlso minimum daily discharge for period of record.

^cAlso Feb. 1, 1981; Oct. 17, 1987; Dec. 9, 1989; Nov. 11-12, 1993; and Jan. 9, 13, 1994.

^dMaximum discharge for period of record, 850,000 ft³/s May 12, 1943.

^eMaximum gage height for period of record 38.10 ft, Apr. 16, 1945, at former site and datum.

^fEstimated

ARKANSAS RIVER BASIN

07250550 ARKANSAS RIVER AT JAMES W. TRIMBLE LOCK AND DAM NEAR VAN BUREN--CONTINUED

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1927 to current year. Prior to October 1969, published as "07250500 Arkansas River at Van Buren", and October 1969 to September 1988, published as "at Dam No. 13", near Van Buren. Gage-height records collected from 1879 to December 1955 at Fort Smith, 16.3 mi upstream, are contained in reports of National Weather Service.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
JUN 26.	1600	80513	81213	162000	355	7.6	24.5	9.8	119	69
AUG 01.	0915	80513	81213	44400	510	8.6	29.0	7.4	98	--
DATE	TIME	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	STREP- TOCOCCHI FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CaCO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
JUN 26.	1600	K41	96	120	35	7.4	32	36	1	4.2
AUG 01.	0915	--	K6	120	37	7.5	50	46	2	4.0
DATE	TIME	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	
JUN 26.	1600	30	42	222	0.460	0.010	0.470	0.470	0.030	
AUG 01.	0915	37	76	290	0.120	0.010	0.130	0.130	0.030	
DATE	TIME	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. & FINER THAN .062 MM (70331)	
JUN 26.	1600	0.60	0.63	0.160	0.070	0.070	147	64300	78	
AUG 01.	0915	0.49	0.52	0.130	0.040	0.040	53	6350	97	

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LOCATION.--Lat 35°30'48", long 93°10'24", in SE¼NW¼ sec.25, T.10 N., R.21 W., Pope County, Hydrologic Unit 11110202, on right bank 119 mi downstream from Indian Creek, 7.2 mi north of Dover, and at mile 23.3.

PERIOD OF RECORD.--October 1950 to current year. Prior to October 1967, published as "Piney Creek near Dover."
Prior to October 1992, published as "07257000 Big Piney Creek near Dover".

GAGE.--Water-stage recorder. Datum of gage is 439.75 ft above sea level. Prior to October 1992, recording gage 4.7 mi upstream at datum 47.91 ft higher.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Jan. 24, 1949, reached a stage of 25.6 ft, from floodmarks at former site and datum, discharge about 55,800 ft³/s.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.9	5.3	560	213	398	345	314	5600	139	123	e20	.54
2	1.7	5.2	474	191	375	316	287	3050	351	89	18	.50
3	1.5	8.1	411	171	344	303	261	1930	504	79	16	.38
4	1.6	9080	356	159	306	290	249	1510	781	117	e14	2.0
5	1.5	24400	310	144	276	284	224	1090	568	170	e12	1.3
6	1.5	3690	270	164	256	276	206	1110	492	203	e11	1.2
7	2.1	1660	241	214	239	3320	194	2250	387	154	10	1.1
8	3.4	995	236	216	219	2410	181	5960	302	115	9.6	1.4
9	2.5	2390	4280	222	200	1590	172	4030	238	90	11	1.6
10	2.5	2770	2960	238	195	1200	171	2230	1540	73	9.5	1.5
11	3.4	1530	1850	249	191	945	1860	1500	4680	61	7.2	1.3
12	3.4	1020	1350	257	177	776	2160	1100	2800	53	7.4	1.3
13	3.1	730	1030	10900	162	654	1350	859	1540	46	5.1	1.3
14	3.0	3840	814	6120	156	784	986	662	980	41	5.3	1.1
15	3.5	4810	662	2740	171	2110	778	548	666	36	4.8	1.2
16	3.7	2460	1080	1840	197	1520	629	423	483	32	4.4	2.5
17	4.1	1630	1200	1390	206	1170	528	347	361	28	3.5	2.9
18	4.4	1150	915	1090	184	940	470	323	278	25	3.0	5.5
19	4.7	832	744	985	174	783	394	266	221	24	2.9	26
20	5.1	746	707	845	170	669	1590	213	181	21	2.4	20
21	5.7	1490	749	729	165	555	1370	179	151	19	2.0	15
22	6.9	1030	659	652	159	482	924	157	128	18	1.9	12
23	7.7	781	578	582	156	428	800	137	116	17	1.7	10
24	9.1	636	506	507	152	363	e600	123	118	21	1.5	9.3
25	8.4	537	445	457	144	319	552	207	111	24	1.3	9.1
26	7.3	455	390	422	144	300	459	177	104	31	1.2	8.5
27	6.9	1010	343	445	232	833	402	168	87	44	1.0	7.5
28	6.5	1290	308	566	399	608	340	190	76	40	.89	6.5
29	6.0	907	280	505	---	469	380	222	78	33	.78	5.8
30	5.5	694	254	451	---	400	2170	158	115	28	.70	5.2
31	5.5	---	231	418	---	349	---	139	---	e25	.58	---
TOTAL	134.1	72581.6	25193	34082	6147	25791	21051	36858	18576	1880	190.65	162.72
MEAN	4.33	2419	813	1099	220	832	702	1189	619	60.6	6.15	5.42
MAX	9.1	24400	4280	10900	399	3320	2170	5960	4680	203	20	26
MIN	1.5	5.2	231	144	144	276	171	123	76	17	.58	.38
AC-FT	266	144000	49970	67600	12190	51160	41750	73110	36850	3730	378	328

MEAN	131	449	555	450	631	850	868	697	253	67.2	39.2	49.2
MAX	1467	2419	3325	1663	1840	2158	2937	2528	1242	342	413	499
(WY)	1985	1995	1983	1993	1989	1973	1957	1990	1974	1961	1958	1970
MIN	.000	.000	5.86	7.03	47.9	125	120	67.1	14.0	.76	.000	.000
(WY)	1954	1954	1990	1964	1963	1967	1963	1988	1977	1985	1980	1954

ANNUAL TOTAL	222337.0			242647.07					
ANNUAL MEAN	609			665					
HIGHEST ANNUAL MEAN							419		
LOWEST ANNUAL MEAN							823		1973
HIGHEST DAILY MEAN	24400	Nov 5		24400	Nov 5		141		1962
LOWEST DAILY MEAN	1.5	Oct		.38	Sep				1962
ANNUAL SEVEN-DAY MINIMUM	1.6	Sep 30		.62	Aug 28		.00		1962
INSTANTANEOUS PEAK FLOW				46500	Nov 5		ab 11000		1982
INSTANTANEOUS PEAK STAGE				18.00	Nov 5		33.87		1982
INSTANTANEOUS LOW FLOW				.35	Mar 3, 4		.00		1982
ANNUAL RUNOFF (AC-FT)	441000			481300			303300		
10 PERCENT EXCEEDS	1400			1530			1000		
50 PERCENT EXCEEDS	201			222			128		
90 PERCENT EXCEEDS	5.6			2.5			3.0		

^eEstimated

ARKANSAS RIVER BASIN

07258600 BLUE MOUNTAIN LAKE AT THE NARROWS

LOCATION.--Lat 35°05'37" long 93°48'35", in SW1/4SE1/4, sec.6, T.5 N., R.26 W., Logan County, Hydrologic Unit 11110204, at First Bridge on State Highway 109 at Magazine.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	SAMPLING DEPTH (FEET) (00003)	RESERVOIR DEPTH (FEET) (72025)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	BAROMETRIC PRESSURE (MM HG) (00025)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, SATURATION (PERCENT) (00301)
JAN 12...	1204	80513	80513	0.0	6.0	72	6.8	747	9.5	11.2	100
JAN 12...	1205	80513	81213	3.00	6.0	72	6.7	747	9.0	11.1	99
MAY 18...	1211	80513	80513	0.0	6.0	66	6.4	746	23.5	7.1	86
MAY 18...	1212	80513	81213	3.00	6.0	66	6.4	746	23.5	7.0	84
AUG 24...	1036	80513	81213	0.0	3.0	122	6.6	753	28.5	5.7	74

DATE	TIME	TRANS-PAR-ENCY (SECCHI DISK) (M) (00078)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	TURBIDITY (NTU) (00076)	OXYGEN DEMAND, BIO-CHEMICAL, 5 DAY (MG/L) (00310)	HARDNESS TOTAL (MG/L AS CAC03) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
JAN 12...	1204	0.61	>170	--	--	--	--	--	--	--	--
JAN 12...	1205	--	--	40	21	<2.0	19	3.3	2.5	5.9	39
MAY 18...	1211	0.30	120	--	--	--	--	--	--	--	--
MAY 18...	1212	--	--	20	17	<2.0	--	--	--	--	--
AUG 24...	1036	0.46	86	15	15	5.4	--	--	--	--	--

DATE	TIME	SODIUM AD-SORPTION RATIO (00931)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CAC03) (00410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)
JAN 12...	1205	0.6	1.2	20	11	5.5	41	0.05	0.010	0.170	0.040
MAY 18...	1212	--	--	--	--	--	--	--	0.010	0.170	--
AUG 24...	1036	--	--	--	--	--	--	--	0.010	0.020	--

DATE	TIME	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOROPHYTO-PLANKTON CHROMO FLUOROM (UG/L) (70953)	CHLOROPHYTO-PLANKTON CHROMO FLUOROM (UG/L) (70954)	ALUMINUM, TOTAL RECOVERABLE (UG/L AS AL) (01105)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)
JAN 12...	1205	0.23	0.27	0.040	0.030	1.10	0.200	250	<1	620	44
MAY 18...	1212	--	--	0.030	0.020	2.00	2.00	240	<1	890	98
AUG 24...	1036	--	--	0.020	0.010	10.0	--	190	<1	810	680

ARKANSAS RIVER BASIN

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07258699 BLUE MOUNTAIN LAKE AT SUGAR GROVE

LOCATION.--Lat 35°04'41" long 93°49'05" in SE1/4NE1/4, sec.25, T.5 N., R.27 W., Logan County, Hydrologic Unit 11110204, at bridge on State Highway 217, at Sugar Grove.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
12...	1247	80513	80513	0.0	6.0	37	6.3	747	10.5	11.5	104
12...	1248	80513	80020	3.00	6.0	37	6.5	747	9.5	11.4	102
MAY											
18...	1305	80513	80513	0.0	6.0	34	6.2	747	22.0	7.4	87
18...	1306	80513	81213	3.00	6.0	34	6.0	747	21.5	7.1	83

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
JAN											
12...	1247	0.61	24	--	--	--	--	--	--	--	--
12...	1248	--	--	40	12	<2.0	9	1.4	1.4	3.4	42
MAY											
18...	1305	0.30	39	--	--	--	--	--	--	--	--
18...	1306	--	--	30	12	<2.0	--	--	--	--	--

DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L AS CL) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN AMMONIA TOTAL (MG/L AS N) (00610)
JAN											
12...	1248	0.5	0.80	12	5.5	4.1	24	0.02	<0.010	<0.020	0.010
MAY											
18...	1306	--	--	--	--	--	--	--	0.010	<0.020	--

DATE	TIME	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)
JAN										
12...	1248	<0.20	0.020	0.020	0.200	<0.100	230	<1	410	18
MAY										
18...	1306	--	0.020	<0.010	20.0	1.00	720	<1	660	34

ARKANSAS RIVER BASIN

07258705 BLUE MOUNTAIN LAKE NEAR SUGAR GROVE

LOCATION.--Lat 35°05'50" long 93°48'08", in NE1/4NE1/4, sec.19, T.5 N., R.26 W., Logan County, Hydrologic Unit 11110204, at Third Bridge on State Highway 109, 1.2 mi north of Sugar Grove.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	SAMPLING DEPTH (FEET) (00033)	RESERVOIR DEPTH (FEET) (72025)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD) (00400)	BAROMETRIC PRESSURE (MM HG) (00025)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATURATION) (00301)
JAN											
12...	1228	80513	80513	0.0	10.0	44	6.7	747	9.5	11.2	100
12...	1229	80513	80020	3.00	10.0	65	6.5	747	9.0	11.2	99
12...	1230	80513	81213	5.00	10.0	75	6.5	747	8.5	11.3	98
MAY											
18...	1243	80513	80513	0.0	22.0	65	6.3	747	24.0	6.9	84
18...	1244	80513	81213	3.00	22.0	65	6.2	747	24.0	6.4	77
18...	1245	80513	81213	11.0	22.0	38	5.8	747	22.0	4.5	52
AUG											
24...	1107	80513	80513	0.0	12.0	95	6.6	755	30.0	6.4	85
24...	1108	80513	81213	3.00	12.0	93	6.6	755	29.5	6.0	79
24...	1111	80513	81213	10.0	12.0	95	6.5	755	29.0	4.1	54

DATE	TIME	TRANS-PAR-ENCY (SECCHI DISK) (M) (00078)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	TURBIDITY (NTU) (00076)	OXYGEN DEMAND, BIO-CHEMICAL, 5 DAY (MG/L) (00310)	HARDNESS TOTAL (MG/L AS CaCO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS Ca) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS Mg) (00925)	SODIUM, DIS-SOLVED (MG/L AS Na) (00930)	SODIUM PERCENT (00932)
JAN											
12...	1228	0.61	110	--	--	--	--	--	--	--	--
12...	1230	--	--	50	20	<2.0	15	2.6	2.1	5.0	40
MAY											
18...	1243	0.46	44	--	--	--	--	--	--	--	--
18...	1245	--	--	30	12	<2.0	--	--	--	--	--
AUG											
24...	1107	0.36	K14	--	--	--	--	--	--	--	--
24...	1108	--	--	10	9.4	4.6	--	--	--	--	--
24...	1111	--	--	15	8.8	5.6	--	--	--	--	--

DATE	TIME	SODIUM AD-SORPTION RATIO (00931)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CaCO3) (00410)	SULFATE SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)
JAN											
12...	1230	0.6	1.0	20	8.7	5.0	36	0.06	<0.010	0.110	0.030
MAY											
18...	1245	--	--	--	--	--	--	--	0.010	0.020	--
AUG											
24...	1108	--	--	--	--	--	--	--	0.010	0.020	--
24...	1111	--	--	--	--	--	--	--	0.010	0.020	--

DATE	TIME	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOROPHYTO-PLANKTON CHROMO FLUOROM (UG/L) (70953)	CHLOROPHYTO-PLANKTON CHROMO FLUOROM (UG/L) (70954)	ALUMINUM, TOTAL RECOVERABLE (UG/L AS AL) (01105)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)
JAN											
12...	1229	--	--	--	--	0.500	<0.100	--	<1	690	70
12...	1230	0.17	0.20	0.030	0.020	--	--	260	--	--	--
MAY											
18...	1244	--	--	--	--	18.0	0.600	--	<1	1000	260
18...	1245	--	--	0.070	0.020	--	--	220	--	--	--
AUG											
24...	1108	--	--	0.020	0.010	6.00	--	110	<1	420	280
24...	1111	--	--	0.020	0.010	--	--	140	<1	480	280

ARKANSAS RIVER BASIN

255

07258900 BLUE MOUNTAIN LAKE AT ASHLEY CREEK NEAR WAVELAND

LOCATION.--Lat 35°06'14" long 93°42'26", in NW1/4SE1/4, sec.12, T.5 N., R.26 W., Logan County, Hydrologic Unit 11110204, at Ashley Creek on Blue Mountain Lake, 1.0 mi south of Blue Mountain.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	SAM-PLING DEPTH (FEET) (00003)	RESER-VOIR DEPTH (FEET) (72025)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD) (00400)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00300)	OXYGEN, DIS-SOLVED (MG/L) (00301)
JAN 12...	1025	80513	80513	0.0	3.0	93	6.9	749	11.0	10.7	98
JAN 12...	1026	80513	80020	1.50	3.0	87	6.8	749	10.5	10.8	98
MAY 18...	1052	80513	80513	0.0	12.0	53	6.3	746	24.5	7.4	90
MAY 18...	1054	80513	81213	3.00	12.0	45	6.0	746	21.0	5.7	66
MAY 18...	1055	80513	81213	6.00	12.0	45	6.0	746	20.5	5.4	61
AUG 24...	0946	80513	81213	0.0	2.0	71	6.9	754	27.5	6.1	78

DATE	TIME	TRANS-PAR-ENCY (SECCHI DISK) (M) (00078)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	TUR-BID-ITY (NTU) (00076)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
JAN 12...	1025	0.58	66	--	--	--	--	--	--	--	--
JAN 12...	1026	--	--	40	26	5.0	26	4.3	3.7	6.7	35
MAY 18...	1052	0.61	21	--	--	--	--	--	--	--	--
MAY 18...	1055	--	--	80	33	2.1	--	--	--	--	--
AUG 24...	0946	0.33	K13	10	16	4.0	--	--	--	--	--

DATE	TIME	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKA-LINITY WAT WH TOT FET (MG/L AS CACO3) (00410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N) (00610)
JAN 12...	1026	0.6	1.3	18	15	6.1	48	0.07	<0.010	0.090	0.020
MAY 18...	1055	--	--	--	--	--	--	--	0.010	0.050	0.010
AUG 24...	0946	--	--	--	--	--	--	--	0.010	0.020	--

DATE	TIME	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L) (70954)	ALUM-INUM, TOTAL RECOV-ERABLE (UG/L AS AL) (01105)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR) (01034)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE) (01045)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)
JAN 12...	1026	<0.20	0.060	0.020	2.40	0.400	250	<1	560	69
MAY 18...	1054	--	--	--	1.00	5.00	--	--	--	--
MAY 18...	1055	--	0.040	0.030	--	--	360	<1	920	97
AUG 24...	0946	--	0.030	0.020	0.400	--	240	<1	760	410

ARKANSAS RIVER BASIN

07259000 BLUE MOUNTAIN LAKE NEAR WAVELAND

LOCATION.--Lat 35°06'06" long 93°39'02", in NW1/4NW1/4, sec.15, T.5 N., R.25 W., Yell County, Hydrologic Unit 11110204, at outlet structure at Blue Mountain Dam, 1.9 mi southwest of Waveland, and at mile 74.4.

DRAINAGE AREA.--488 mi².

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
12...	1000	80513	80513	0.0	36.0	50	7.0	749	8.5	12.1	105
12...	1001	80513	80020	3.00	36.0	49	6.9	749	7.0	12.4	104
12...	1003	80513	81213	18.0	36.0	49	6.9	749	6.5	12.3	102
MAY											
18...	1421	80513	80513	0.0	40.0	48	6.6	747	22.5	8.5	100
18...	1422	80513	81213	3.00	40.0	48	6.5	747	22.5	8.2	97
18...	1423	80513	81213	20.0	40.0	48	6.5	747	22.5	7.9	93
AUG											
24...	0922	80513	80513	0.20	30.0	76	6.6	754	28.0	3.5	45
24...	0923	80513	81213	3.00	30.0	76	6.6	754	28.0	3.5	45
24...	0924	80513	81213	6.00	30.0	76	6.6	754	28.0	3.4	44
24...	0926	80513	81213	24.0	30.0	81	6.5	754	28.0	1	13

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
JAN											
12...	1000	0.40	K11	--	--	--	--	--	--	--	--
12...	1003	--	--	80	35	<2.0	14	2.5	1.8	3.8	35
MAY											
18...	1421	0.46	K4	--	--	--	--	--	--	--	--
18...	1423	--	--	60	23	<2.0	--	--	--	--	--
AUG											
24...	0922	0.67	<1	--	--	--	--	--	--	--	--
24...	0924	--	--	20	17	4.6	--	--	--	--	--
24...	0926	--	--	25	24	6.7	--	--	--	--	--

DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN AMMONIA TOTAL (MG/L AS N) (00610)
JAN											
12...	1003	0.4	1.2	20	7.2	3.4	32	0.06	0.010	0.190	0.060
MAY											
18...	1423	--	--	--	--	--	--	--	0.010	<0.020	--
AUG											
24...	0924	--	--	--	--	--	--	--	0.010	0.020	--
24...	0926	--	--	--	--	--	--	--	0.010	0.020	--

DATE	TIME	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)
JAN											
12...	1001	--	--	--	--	8.80	0.500	--	--	--	--
12...	1003	0.30	0.36	0.050	0.030	--	--	360	<1	920	170
MAY											
18...	1422	--	--	--	--	2.00	0.800	--	--	--	--
18...	1423	--	--	<0.020	0.020	--	--	220	<1	600	44
AUG											
24...	0923	--	--	--	--	4.00	--	--	--	--	--
24...	0924	--	--	0.020	0.020	--	--	190	<1	620	1200
24...	0926	--	--	0.020	0.020	--	--	260	<1	830	1500

ARKANSAS RIVER BASIN

257

07259500 PETIT JEAN RIVER NEAR WAVELAND

LOCATION.--Lat 35°06'17" long 93°37'53", in SE1/4SE1/4, sec.11, T.5 N., R.25 W., Yell County, Hydrologic Unit 11110204, at Blue Mountain Dam, 1.9 mi southwest of Waveland, and at mile 74.4.

DRAINAGE AREA.--516 mi².

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
JAN 12...	0935	80513	81213	49	6.7	749	6.5	12.9	107	K11
MAY 18...	0934	80513	81213	48	6.3	746	22.5	8.6	102	K2
AUG 24...	0822	80513	81213	75	6.7	754	27.5	6.5	83	28
DATE	TIME	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	
JAN 12...	0935	60	34	<2.0	14	2.5	1.8	3.8		35
MAY 18...	0934	60	24	<2.0	13	2.3	1.7	3.6		35
AUG 24...	0822	30	14	5.8	20	3.8	2.6	4.3		29
DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L AS P) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	
JAN 12...	0935	0.4	1.2	10	7.1	3.3	26	0.03	0.010	
MAY 18...	0934	0.4	1.3	--	6.2	2.4	--	--	0.010	
AUG 24...	0822	0.4	2.0	--	6.1	3.1	--	--	0.010	
DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)	
JAN 12...	0935	0.190	0.040	0.30	0.34	0.060	0.030	310	<1	
MAY 18...	0934	0.020	0.060	0.48	0.54	0.040	0.020	260	<1	
AUG 24...	0822	0.030	0.190	0.33	0.52	0.020	0.030	200	2	
DATE	TIME	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	
JAN 12...	0935	<1	2	850	<1	170	<0.10	3	6	
MAY 18...	0934	<1	2	670	1	45	<0.10	2	5	
AUG 24...	0822	<1	3	660	1	1000	0.20	2	8	

ARKANSAS RIVER BASIN

07260500 PETIT JEAN RIVER AT DANVILLE

LOCATION.--Lat 35°03'33", long 93°23'44", in NW¼SE¼ sec.25, T.5 N., R.23 W., Yell County, Hydrologic Unit 11110204, on right bank 125 ft upstream of bridge on State Highway 10 at Danville, 0.3 mi upstream from Chicago, Rock Island and Pacific Railroad Co. bridge, 0.5 mi upstream from Spring Creek, 0.6 mi downstream from Dutch Creek, and at mile 48.8.

DRAINAGE AREA.--764 mi².

PERIOD OF RECORD.--June 1916 to current year. Prior to October 1965, published as "Petit Jean Creek at Danville."

REVISED RECORDS.--WRD Ark. 1970: Drainage area.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 303.33 ft above sea level. June 1, 1916, to Aug. 24, 1934, nonrecording gage on railroad bridge 0.3 mi downstream at datum 0.25 ft higher. Aug. 25, 1934, to July 12, 1939, nonrecording gage at present site and datum. Since June 18, 1954, auxiliary water-stage recorder 2.2 mi downstream.

REMARKS.--No estimated daily discharges. Records good. Flow regulated since March 1947 by Blue Mountain Lake, 25.6 mi upstream, capacity, 257,900 acre-ft. As of July 1986, flow from 51.6 mi² upstream from this station is controlled by 3 floodwater-detention reservoirs that have a total combined capacity of 23,737 acre-ft below the spillway crests, of which 16,361 acre-ft is flood-detention capacity, 4,500 acre-ft is water-supply storage, and 2,876 acre-ft is sediment-storage capacity. Satellite telemeter at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	2.5	3400	1520	3700	224	400	630	241	165	46	7.2
2	8.9	2.5	3620	1340	3720	159	311	986	203	133	41	9.1
3	6.3	2.4	3650	1280	3560	98	295	1710	642	127	30	13
4	4.2	3.5	3580	920	3250	72	214	2330	831	128	27	15
5	3.2	2230	3440	471	2940	70	176	2290	313	133	32	13
6	2.8	3850	3280	216	2720	70	171	1230	513	188	34	12
7	2.6	943	3220	242	1730	1670	249	2050	550	245	36	12
8	2.5	375	3420	217	1010	2820	282	3710	334	208	32	11
9	2.5	2200	5190	217	397	2250	271	6620	170	152	25	12
10	2.5	3250	5640	547	228	1760	177	3860	146	144	27	14
11	2.5	2050	4130	657	179	907	1240	1200	1290	95	24	11
12	2.9	2300	1620	978	167	700	2580	1790	1000	53	18	12
13	3.4	2240	1960	3460	158	634	1520	2100	1900	36	18	16
14	3.8	2260	2320	6450	152	615	2080	2080	2050	27	19	17
15	3.8	2720	3300	4650	153	669	2480	2040	1320	28	19	17
16	4.1	2130	3870	1830	434	1060	2460	2540	510	29	15	18
17	4.7	2590	4590	1270	614	1160	2400	2630	242	25	14	20
18	4.5	2610	4660	2170	232	891	2360	2590	211	23	18	20
19	4.4	2450	4460	3100	147	756	2630	2640	191	35	11	21
20	4.9	2370	3880	2840	140	705	2720	2620	178	38	9.8	22
21	5.9	2430	3140	3380	136	634	2370	2570	166	38	16	153
22	6.3	2570	2120	3700	132	369	2250	2530	213	49	22	206
23	5.8	2580	2390	3750	128	279	2010	2670	275	66	21	82
24	4.6	2680	3110	3790	138	254	1950	2640	195	369	17	18
25	3.7	2690	3290	3800	127	233	1800	2700	147	474	18	14
26	3.2	2760	3240	3640	124	230	843	2570	148	495	20	14
27	3.0	2490	3150	3540	163	517	442	1370	416	389	19	14
28	2.8	1700	3360	3520	204	1040	335	976	472	158	14	14
29	2.7	2580	3420	3370	---	1050	210	924	300	88	12	11
30	2.6	2850	3320	3280	---	998	169	907	194	74	10	7.2
31	2.6	---	2090	3490	---	694	---	837	---	59	7.5	---
TOTAL	133.7	61908.9	105860	73635	26783	23588	37395	68340	15361	4271	672.3	825.5
MEAN	4.31	2064	3415	2375	957	761	1246	2205	512	138	21.7	27.5
MAX	16	3850	5640	6450	3720	2820	2720	6620	2050	495	46	206
MIN	2.5	2.4	1620	216	124	70	169	630	146	23	7.5	7.2
AC-FT	265	122800	210000	146100	53120	46790	74170	135600	30470	8470	1330	1640

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1947 - 1995, BY WATER YEAR (WY)

	190	574	1168	1138	1300	1482	1354	1484	781	342	189	112
MEAN	190	574	1168	1138	1300	1482	1354	1484	781	342	189	112
MAX	3261	3296	4004	3821	4941	3233	3821	6142	2801	2268	2101	1108
(WY)	1985	1973	1983	1950	1949	1973	1957	1990	1957	1957	1957	1950
MIN	1.03	3.52	3.84	3.82	25.2	82.5	106	46.4	26.9	2.49	4.07	6.79
(WY)	1947	1966	1966	1964	1967	1967	1963	1977	1966	1985	1947	1982

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1947 - 1995

ANNUAL TOTAL	416708.0	418773.4	a841
ANNUAL MEAN	1142	1147	1920
HIGHEST ANNUAL MEAN			187
LOWEST ANNUAL MEAN			1973
HIGHEST DAILY MEAN	5640	Dec 10	26400
LOWEST DAILY MEAN	2.4	Nov 3	26400
ANNUAL SEVEN-DAY MINIMUM	2.6	Oct 28	26400
INSTANTANEOUS PEAK FLOW			7520
INSTANTANEOUS PEAK STAGE			22.33
INSTANTANEOUS LOW FLOW			2.4
ANNUAL RUNOFF (AC-FT)	826500	830600	609200
10 PERCENT EXCEEDS	3260	3340	2540
50 PERCENT EXCEEDS	313	334	187
90 PERCENT EXCEEDS	9.9	8.3	11

^aPrior to regulation, water years 1917-46, 845 ft³/s

^bMaximum discharge for period, 70,800 ft³/s Apr. 17, 1939

^cMaximum gage height for period of record, 31.82 ft Apr. 17, 1939

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LOCATION.--Lat 35°17'56", long 92°24'10", in NW¼SE¼ sec.29, T.8 N., R.13 W., Faulkner County, Hydrologic Unit 11110205, on left bank on downstream side of bridge on U.S. Highway 65, 4.3 mi southwest of Guy, 10.5 mi upstream from Cove Creek, and at mile 48.3.

PERIOD OF RECORD.--October 1954 to current year. Prior to October 1965, published as "North Fork Cadron Creek near Guy."

GAGE.--Water-stage recorder. Datum of gage is 371.68 ft above sea level.

REMARKS.--Records good, except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e2.5	.56	e65	e160	161	251	106	1710	55	3.5	7.6	.00
2	e2.0	.98	e50	e155	151	230	104	1350	61	2.5	6.2	.00
3	1.8	1.6	e35	e150	143	215	99	768	58	2.0	4.6	.00
4	1.2	2.3	e28	145	136	204	94	652	78	1.3	3.6	.01
5	e1.0	5830	e22	133	122	200	92	503	77	2.6	3.1	.00
6	.92	e2500	e20	146	119	191	88	404	61	4.7	.55	.00
7	.92	e1400	e18	219	113	457	85	629	83	40	1.6	.00
8	.92	e900	e60	202	104	846	82	1120	60	36	2.1	.00
9	e1.5	e700	e200	183	101	538	79	1690	47	28	.76	.00
10	e1.0	e1500	e650	179	97	419	142	854	38	27	.49	.00
11	.91	e1100	e450	174	93	352	3740	528	39	24	.23	.00
12	.85	e800	e330	172	91	310	1330	388	73	23	.10	.00
13	e.80	e650	e280	175	89	278	628	306	89	25	.23	.00
14	e.70	e540	e230	222	88	261	411	247	62	31	3.2	.00
15	e.60	e800	e200	244	89	351	305	199	47	33	2.9	.00
16	e.50	e900	e300	230	99	307	248	168	36	29	1.6	.00
17	.46	e400	e500	224	97	e270	219	146	30	27	.52	.00
18	.50	e250	e380	260	87	e250	284	165	25	27	.77	.00
19	.52	e190	e310	635	80	e220	276	166	21	18	1.3	.04
20	.49	e150	e250	602	79	e200	337	123	18	12	3.0	.10
21	.62	e180	e390	463	76	e190	365	107	13	7.9	2.8	.08
22	.36	e160	e340	377	75	e180	295	96	11	4.3	2.4	.15
23	.28	e130	e300	332	77	e165	276	86	9.0	12	1.1	.13
24	.64	e110	e270	275	77	e160	310	78	7.7	20	1.0	.09
25	.92	e95	e240	246	75	e150	265	70	7.2	20	.99	.03
26	.52	e80	e230	185	76	e350	239	66	6.4	18	.84	.09
27	.73	e120	e210	222	167	e250	211	64	9.2	14	.47	.02
28	1.1	e160	e200	254	268	e170	189	82	6.4	12	.30	.00
29	.89	e120	e190	201	---	e140	174	84	4.8	11	.08	.00
30	.57	e90	e180	186	---	120	926	67	3.6	10	.05	.00
31	1.1	---	e170	161	---	110	---	55	---	9.0	.05	---
TOTAL	27.82	19860.44	7098	7512	3030	8335	11999	12971	1136.3	534.8	54.53	0.74
MEAN	.90	662	229	242	108	269	400	418	37.9	17.3	1.76	.025
MAX	2.5	5830	650	635	268	846	3740	1710	89	40	7.6	.15
MIN	.28	.56	18	133	75	110	79	55	3.6	1.3	.05	.00
AC-FT	.55	39390	14080	14900	6010	16530	23800	25730	2250	1060	108	1.5
CFSM	.01	3.92	1.35	1.43	.64	1.59	2.37	2.48	.22	.10	.01	.00
IN.	.01	4.37	1.56	1.65	.67	1.83	2.64	2.86	.25	.12	.01	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1955 - 1995, BY WATER YEAR (WY)

MEAN	82.3	298	437	387	472	562	495	400	148	42.0	47.1	60.7
MAX	872	1318	1875	1679	1498	1542	1818	1606	867	333	1145	523
(WY)	1985	1958	1983	1991	1956	1975	1973	1968	1974	1960	1957	1977
MIN	.000	.000	6.97	21.0	49.6	91.8	81.1	33.4	5.25	.98	.094	.025
(WY)	1955	1955	1955	1955	1963	1972	1960	1988	1988	1985	1980	1995

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1955 - 1995

ANNUAL TOTAL	99488.26			72559.63					
ANNUAL MEAN	273			199					
HIGHEST ANNUAL MEAN							285		
LOWEST ANNUAL MEAN							566		1973
HIGHEST DAILY MEAN							125		1963
LOWEST DAILY MEAN	5830	Nov 5		5830	Nov 5		14800	Dec 4	1982
LOWEST DAILY MEAN	.28	Oct 23		.00	Sep 1		.00	Oct 1	1954
ANNUAL SEVEN-DAY MINIMUM	.46	Oct 17		.00	Sep 5		.00	Oct 1	1954
INSTANTANEOUS PEAK FLOW				16200	Nov 5		24200	Dec 4	1982
INSTANTANEOUS PEAK STAGE				23.10	Nov 5		29.29	Dec 4	1982
INSTANTANEOUS LOW FLOW				.00	at times		.00	at times	
ANNUAL RUNOFF (AC-FT)	197300			143900			206300		
ANNUAL RUNOFF (CFSM)	1.61			1.18			1.69		
ANNUAL RUNOFF (INCHES)	21.90			15.97			22.90		
10 PERCENT EXCEEDS	693			414			665		
50 PERCENT EXCEEDS	115			84			95		
90 PERCENT EXCEEDS	3.0			.26			1.5		

^eEstimated

ARKANSAS RIVER BASIN

07261820 NIMROD LAKE AT HIGHWAY 27 BRIDGE

LOCATION.--Lat 34°55'36" long 93°24'36", in SW1/4SW1/4, sec.1, T.3 N., R.23 W., Yell County, Hydrologic Unit 11110206, at bridge on State Highway 27, 6.5 mi southwest of Plainview.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
17.	1601	80513	80513	0.0	16.0	25	6.0	751	9.0	13.6	119
17.	1602	80513	80020	3.00	16.0	25	6.0	751	9.0	13.5	118
17.	1603	80513	81213	8.00	16.0	25	6.0	751	9.0	13.4	118
MAY											
25.	0740	80513	80513	0.0	16.0	38	5.8	755	24.5	7.6	92
25.	0741	80513	81213	3.00	16.0	37	5.9	755	24.5	7.6	92
25.	0742	80513	81213	8.00	16.0	38	5.9	755	24.5	7.2	87
AUG											
31.	0830	80513	81213	0.0	3.0	54	6.4	747	28.0	5.0	65

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L) AS CACO3 (00900)	CALCIUM DIS- SOLVED (MG/L) AS CA (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MG (00925)	SODIUM, DIS- SOLVED (MG/L) AS NA (00930)
JAN										
17.	1601	0.18	120	--	20	<2.0	--	1.2	--	2.0
17.	1603	--	--	50	--	--	8	--	--	--
MAY										
25.	0740	0.61	K10	--	10	<2.0	--	--	--	--
25.	0742	--	--	10	6.9	--	--	--	--	--
AUG										
31.	0830	0.30	K37	10	16	<2.0	--	--	--	--

DATE	TIME	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L) AS K (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L) AS SO4 (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L) AS N (00615)
JAN										
17.	1603	34	0.3	0.70	7	3.6	1.7	14	0.03	0.010
MAY										
25.	0742	--	--	--	--	--	--	--	--	<0.010
AUG										
31.	0830	--	--	--	--	--	--	--	--	0.010

DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L) AS N (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L) AS N (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L) AS N (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L) AS N (00625)	PHOS- PHORUS TOTAL (MG/L) AS P (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L) AS P (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L) AS AL (01105)
JAN										
17.	1602	--	--	--	--	--	--	0.300	<0.100	--
17.	1603	0.170	0.010	0.22	0.23	0.040	0.040	--	--	350
MAY										
25.	0741	--	--	--	--	--	--	4.00	2.00	--
25.	0742	<0.020	--	--	--	<0.020	0.010	--	--	120
AUG										
31.	0830	0.020	--	--	--	0.020	0.010	7.00	--	260

DATE	TIME	ARSENIC TOTAL (UG/L) AS AS (01002)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L) AS CR (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L) AS CU (01042)	IRON, TOTAL RECOV- ERABLE (UG/L) AS FE (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L) AS PB (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L) AS MN (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L) AS HG (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L) AS NI (01067)	ZINC, TOTAL RECOV- ERABLE (UG/L) AS ZN (01092)
JAN										
17.	1603	<1	<1	1	600	1	22	<0.10	1	4
MAY										
25.	0742	<1	<1	<1	830	1	190	<0.10	2	<4
AUG										
31.	0830	1	<1	<1	1100	1	210	<0.10	1	10

ARKANSAS RIVER BASIN

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07261836 SALLY SPRING BRANCH NEAR OLA

LOCATION.--Lat 35°00'56" long 93°19'07", in SW1/4NW1/4, sec.11, T.4 N., R.22 W., Yell County, Hydrologic Unit 11110206, at bridge on county road, 3.5 mi northwest of Plainview.

PERIOD OF RECORD.--May 1992 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN 13...	0832	80513	80513	0.0	2.0	31	6.3	740	11.5	10.3	98
13...	0833	80513	81213	1.00	2.0	30	6.2	740	11.5	10.3	98
DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	
JAN 13...	0832		0.12	3300	>10000	--	--	--	--	--	--
13...	0833		--	--	--	120	68	<2.0	10	1.9	1.2
DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	
JAN 13...	0833		1.7	24	0.2	1.6	14	3.2	1.6	20	0.04
DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	
JAN 13...	0833		0.010	0.120	0.060	0.62	0.68	0.230	0.180	0.700	0.100

ARKANSAS RIVER BASIN

07261840 BROWN CREEK NEAR OLA

LOCATION.--Lat 35°00'28" long 93°20'06", in SE1/4SW1/4, sec.10, T.4 N., R.22 W., Yell County, Hydrologic Unit 11110206, at bridge on county road, 3.6 mi northwest of Plainview.

PERIOD OF RECORD.--May 1992 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN 13...	0816	80513	80513	0.0	3.0	22	6.0	740	11.5	10.6	100
13...	0819	80513	81213	1.50	3.0	22	5.9	740	11.5	10.2	96
DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	
JAN 13...	0816		0.12	>6000	>10000	--	--	--	--	--	--
13...	0819		--	--	--	140	68	2.1	9	1.5	1.2
DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	
JAN 13...	0819		1.6	24	0.2	1.7	14	3.0	1.5	19	0.05
DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	
JAN 13...	0819		0.010	0.070	0.060	0.68	0.74	0.170	0.130	0.700	<0.100

ARKANSAS RIVER BASIN

263

07261845 BROWN CREEK NEAR PLAINVIEW

LOCATION.--Lat 34°58'39" long 93°19'52", in SW1/4NE1/4, sec.22, T.4 N., R.22 W., Yell County, Hydrologic Unit 11110206, at bridge on State Highway 28, 1 mi west of Plainview.

PERIOD OF RECORD.--May 1992 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
13...	0907	80513	80513	0.0	10.0	33	5.9	740	12.0	9.6	92
13...	0908	80513	80020	3.00	10.0	33	6.0	740	12.0	9.5	90
13...	0910	80513	81213	5.00	10.0	33	6.0	740	12.0	9.4	89
MAY											
25...	0835	80513	80513	0.0	6.0	115	6.4	756	21.0	4.6	52
25...	0837	80513	81213	3.00	6.0	152	6.5	756	20.0	2.4	27
AUG											
31...	0855	80513	80513	0.0	6.0	136	6.6	755	27.5	0.9	11
31...	0856	80513	81213	3.00	6.0	136	6.6	755	27.5	0.7	9

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCHI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
13...	0907	0.12	>6000	>10000	--	--	--	--	--	--
13...	0910	--	--	--	140	110	4.4	13	2.8	1.5
MAY										
25...	0835	0.15	>170	--	--	--	--	--	--	--
25...	0837	--	--	--	30	15	4.9	--	--	--
AUG										
31...	0855	0.30	30	--	--	--	--	--	--	--
31...	0856	--	--	--	40	12	8.3	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
13...	0910	2.8	25	0.3	4.1	16	3.1	3.1	27	0.06

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JAN										
13...	0908	--	--	--	--	--	--	--	1.10	0.300
13...	0910	0.020	0.180	0.140	1.2	1.3	0.770	0.640	--	--
MAY										
25...	0837	0.010	0.120	--	--	--	0.380	0.250	18.0	5.00
AUG										
31...	0856	0.010	0.020	--	--	--	0.200	0.050	25.0	--

ARKANSAS RIVER BASIN

07261850 PORTER CREEK NEAR OLA

LOCATION.--Lat 35°01'18" long 93°17'46", in SE1/4SW1/4, sec.1, T.4 N., R.22 W., Yell County, Hydrologic Unit 11110206, at bridge on county road, 2 mi west of Ola.

PERIOD OF RECORD.--May 1992 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
13...	1022	80513	80513	0.0	2.0	22	5.9	740	11.5	10.1	95
13...	1023	80513	81213	1.00	2.0	22	5.9	740	11.5	10.3	96
DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER COBALT UNITS) (31673)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	
JAN											
13...	1022		0.15	440	7500	--	--	--	--	--	--
13...	1023		--	--	--	80	31	<2.0	8	1.3	1.1
DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	
JAN											
13...	1023		1.4	25	0.2	0.90	8	3.6	1.2	14	0.04
DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	
JAN											
13...	1023		0.010	<0.020	0.040	0.46	0.50	0.090	0.050	0.100	<0.100

ARKANSAS RIVER BASIN

265

07261865 PORTER CREEK NEAR PLAINVIEW

LOCATION.--Lat 34°59'51" long 93°18'24", in NE1/4SE1/4, sec.14, T.4 N., R.14 W., Yell County, Hydrologic Unit 11110206, at bridge on county road, 0.5 mi northwest of Plainview.

PERIOD OF RECORD.--May 1992 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN 13...	0849	80513	80513	0.0	4.0	29	6.1	740	11.5	10.5	99
13...	0850	80513	81213	2.00	4.0	29	6.1	740	11.5	10.2	96

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL KF AGAR (COLS. PER 100 ML) (31673)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN 13...	0849	0.12	>6000	>10000	--	--	--	--	--	--
13...	0850	--	--	--	140	800	2.8	9	1.8	1.2

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN 13...	0850	1.6	23	0.2	1.9	12	2.9	1.7	18	0.05

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JAN 13...	0850	0.020	0.110	0.080	1.0	1.1	0.340	0.200	1.20	0.200

ARKANSAS RIVER BASIN

07261880 NIMROD LAKE AT PLAINVIEW

LOCATION.--Lat 34°59'03" long 93°18'36", in NW¼SE¼, sec.23, T.4 N., R.22 W., Yell County, Hydrologic Unit 11110206, on Porter Creek at State Highway 28 bridge at Plainview.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE OF WATER (DEG C) (00010)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
13...	0924	80513	80513	0.0	6.0	41	6.1	740	12.0	9.2	88
13...	0925	80513	80020	3.00	6.0	35	6.1	740	11.5	9.4	90
MAY											
25...	0851	80513	80513	0.0	6.0	74	6.2	756	21.0	6.3	72
25...	0852	80513	81213	3.00	6.0	83	6.0	756	21.0	4.4	50

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL KF AGAR (COLS. PER COBALT UNITS) (00080)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
13...	0924	0.12	>6000	>10000	--	5	100	2.9	11	2.3
13...	0925	--	--	--	--	5	100	2.9	11	1.3
MAY										
25...	0851	0.55	>170	--	--	10	9.7	<2.0	--	--
25...	0852	--	--	--	--	10	9.7	<2.0	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
13...	0925	3.2	33	0.4	2.2	28	4.7	2.3	33	0.06

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JAN										
13...	0925	0.020	0.250	0.130	0.83	0.96	0.240	0.180	1.00	0.200
MAY										
25...	0852	0.010	0.210	--	--	--	0.020	0.010	2.00	3.00

ARKANSAS RIVER BASIN

267

07261910 NIMROD LAKE NEAR WARDS CROSSING

LOCATION.--Lat 34°57'03" long 93°19'24", in SW1/4SW1/4, sec.35, T.4 N., R.22 W., Yell County, Hydrologic Unit 11110206, at bridge, at Wards Crossing on county road, 2.5 mi south of Plainview.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

		AGENCY COL-LECTING SAMPLE (CODE NUMBER)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	SAM-PLING DEPTH (FEET)	RESER-VOIR DEPTH (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	BARO-METRIC PRES-SURE (MM OF HG)	TEMPER-ATURE WATER (DEG C)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)
DATE	TIME	(00027)	(00028)	(00003)	(72025)	(00095)	(00400)	(00025)	(00010)	(00300)	(00301)
JAN											
17.	1453	80513	80513	0.0	18.0	22	5.8	751	9.5	12.3	109
17.	1454	80513	80020	3.00	18.0	22	5.8	751	9.5	12.5	110
17.	1455	80513	81213	9.00	18.0	22	5.8	751	9.0	12.4	109
MAY											
25.	0928	80513	81213	0.0	20.0	30	6.1	756	23.5	7.3	86
25.	0930	80513	80513	3.00	20.0	30	6.0	756	23.5	6.5	77
25.	0931	80513	81213	10.0	20.0	32	5.5	756	20.0	0.9	10
AUG											
31.	0924	80513	80513	0.0	10.0	49	6.4	755	30.0	4.4	59
31.	0925	80513	81213	3.00	10.0	49	6.4	755	30.0	4.1	55
31.	0926	80513	81213	5.00	10.0	51	6.3	755	30.0	2.9	39
		TRANS-PAR-ENCY (SECCHI DISK)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	HARD-NESS TOTAL (MG/L AS CAC03)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	
DATE	TIME	(00078)	(31625)	(00080)	(00076)	(00310)	(00900)	(00915)	(00925)	(00930)	
JAN											
17.	1453	0.36	K350	--	--	--	--	--	--	--	
17.	1455	--	--	80	29	<2.0	7	1.1	1.0	1.6	
MAY											
25.	0928	1.30	<1	--	--	--	--	--	--	--	
25.	0931	--	--	60	7.7	2.3	--	--	--	--	
AUG											
31.	0924	0.30	K2	--	--	--	--	--	--	--	
31.	0926	--	--	10	17	4.5	--	--	--	--	
		SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY WAT WH TOT FET FIELD (MG/L AS CAC03)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, DIS-SOLVED (MG/L AS N)	NITRO-GEN, TOTAL (MG/L AS N)	
DATE	TIME	(00932)	(00931)	(00935)	(00410)	(00945)	(00940)	(70301)	(70303)	(00615)	
JAN											
17.	1455	31	0.3	0.80	6	3.2	1.3	13	0.03	0.010	
MAY											
25.	0931	--	--	--	--	--	--	--	--	0.010	
AUG											
31.	0926	--	--	--	--	--	--	--	--	0.010	
		NITRO-GEN NO2+N03 TOTAL (MG/L AS N)	NITRO-GEN AMMONIA TOTAL (MG/L AS N)	NITRO-GEN ORGANIC TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS TOTAL (MG/L AS P)	PHOS-PHORUS ORTHO TOTAL (MG/L AS P)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	ALUM-INUM, TOTAL RECOV-ERABLE (UG/L AS AL)	
DATE	TIME	(00630)	(00610)	(00605)	(00625)	(00665)	(70507)	(70953)	(70954)	(01105)	
JAN											
17.	1454	--	--	--	--	--	--	0.500	<0.100	--	
17.	1455	0.090	0.030	0.34	0.37	0.060	0.050	--	--	470	
MAY											
25.	0928	--	--	--	--	--	--	7.00	2.00	--	
25.	0931	<0.020	--	--	--	0.040	0.030	--	--	210	
AUG											
31.	0925	--	--	--	--	--	--	14.0	--	--	
31.	0926	0.020	--	--	--	0.070	0.020	--	--	250	
		ARSENIC TOTAL (UG/L AS AS)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	
DATE	TIME	(01002)	(01034)	(01042)	(01045)	(01051)	(01055)	(71900)	(01067)	(01092)	
JAN											
17.	1455	<1	<1	1	740	1	35	<0.10	3	5	
MAY											
25.	0931	<1	<1	2	680	<1	310	<0.10	3	4	
AUG											
31.	0926	1	<1	1	1200	<1	400	<0.10	2	30	

ARKANSAS RIVER BASIN

07261920 PRAIRIE CREEK AT PLAINVIEW

LOCATION.--Lat 34°59'04" long 93°18'12", in NW¼NW¼, sec.25, T.4 N., R.22 W., Yell County, Hydrologic Unit 11110206, at bridge on county road, south of Plainview.

PERIOD OF RECORD.--May 1992 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

		AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
13...	0938	80513	80513	0.0	1.0	42	5.9	740	12.0	8.4	80
13...	0939	80513	80020	0.50	1.0	41	5.9	740	12.0	8.3	80
DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	
JAN											
13...	0938		0.15	>6000	>10000	--	--	--	--	--	--
13...	0939		--	--	--	130	76	2.8	10	1.8	1.3
DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	
JAN											
13...	0939		3.0	33	0.4	2.9	20	3.5	3.7	28	0.05
DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	
JAN											
13...	0939		0.020	0.480	0.090	0.87	0.96	0.270	0.210	0.600	0.200

ARKANSAS RIVER BASIN

07261925 NIMROD LAKE ON PRAIRIE CREEK

LOCATION.--Lat34°56'54" long 93°17'12", in SE1/4SE1/4, sec.36, T.4 N., R.12 W., Yell County, Hydrologic Unit 11110206, on Nimrod Lake, 2.5 mi south of Plainview.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	SAMPLING DEPTH (FEET) (00003)	RESERVOIR DEPTH (FEET) (72025)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD OF) (00400)	BAROMETRIC PRESSURE (MM OF HG) (00025)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)
JAN 17...	1517	80513	80513	0.0	14.0	25	5.8	751	10.5	11.3
17...	1518	80513	80020	3.00	14.0	25	5.7	751	10.5	11.2
17...	1519	80513	81213	7.00	14.0	25	5.7	751	10.0	10.9
MAY 25...	0953	80513	81213	0.0	12.0	30	6.0	756	24.5	7.3
25...	0954	80513	80513	3.00	12.0	30	5.9	756	24.0	6.3
25...	0956	80513	81213	6.00	12.0	31	5.6	756	22.5	3.1
AUG 31...	0959	80513	81213	0.0	3.0	38	6.4	755	30.5	5.3
DATE	TIME	OXYGEN, DIS-SOLVED (PERCENT SATURATION) (00301)	TRANSPARANCY (SECCHI DISK) (M) (00078)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	COLOR (PLATINUM-COBALT UNITS) (00080)	TURBIDITY (NTU) (00076)	OXYGEN DEMAND, BIO-CHEMICAL, 5 DAY (MG/L) (00310)	HARDNESS TOTAL (MG/L AS CaCO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS Ca) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS Mg) (00925)
JAN 17...	1517	102	0.18	K770	--	--	--	--	--	--
17...	1518	101	--	--	--	--	--	--	--	--
17...	1519	98	--	--	80	46	2.4	7	1.2	1.0
MAY 25...	0953	88	1.10	<1	--	--	--	--	--	--
25...	0954	76	--	--	--	--	--	--	--	--
25...	0956	36	--	--	50	5.1	2.6	--	--	--
AUG 31...	0959	71	0.58	K2	10	13	3.5	--	--	--
DATE	TIME	SODIUM, DIS-SOLVED (MG/L AS Na) (00930)	SODIUM PERCENT (00932)	SODIUM ADSORPTION RATIO (00931)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKALINITY, WATER TOTAL FIELD (MG/L AS CaCO3) (00410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS Cl) (00940)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)
JAN 17...	1519	2.0	34	0.3	1.1	7	3.2	1.9	15	0.03
DATE	TIME	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOROPHYLL, FLUOROMETER (UG/L) (70953)	CHLOROPHYLL, FLUOROMETER (UG/L) (70954)
JAN 17...	1518	--	--	--	--	--	--	--	2.10	0.100
17...	1519	0.010	0.060	0.050	0.56	0.61	0.030	0.040	--	--
MAY 25...	0954	--	--	--	--	--	--	--	15.0	5.00
25...	0956	0.010	<0.020	--	--	--	0.040	0.030	--	--
AUG 31...	0959	0.010	0.020	--	--	--	0.080	0.010	15.0	--

ARKANSAS RIVER BASIN

07261950 NIMROD LAKE NEAR CARTER COVE

LOCATION.--Lat 34°57'22" long 93°14'56", in SE¼NE¼, sec.33, T.4 N., R.21 W., Yell County, Hydrologic Unit 11110206, on Nimrod Lake, 2.9 mi southeast of Plainview.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
17...	1343	80513	80513	0.0	12.0	26	6.0	752	10.0	12.9
17...	1344	80513	80020	3.00	12.0	26	6.0	752	10.0	12.8
17...	1345	80513	81213	6.00	12.0	26	6.0	752	10.0	12.5
MAY										
25...	1051	80513	80513	0.0	12.0	31	6.3	756	25.0	8.4
25...	1052	80513	81213	3.00	12.0	31	6.3	756	24.5	7.8
25...	1054	80513	81213	6.00	12.0	32	5.9	756	23.5	5.3
AUG										
31...	1054	80513	81213	0.0	1.0	43	6.6	755	30.0	6.1
DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
17...	1343	115	0.27	K630	--	--	--	--	--	--
17...	1344	114	--	--	--	--	--	--	--	--
17...	1345	112	--	--	70	44	<2.0	8	1.2	1.1
MAY										
25...	1051	102	1.70	<1	--	--	--	--	--	--
25...	1052	94	--	--	--	--	--	--	--	--
25...	1054	63	--	--	30	2.4	2.1	--	--	--
AUG										
31...	1054	82	0.15	K4	35	20	3.0	--	--	--
DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
17...	1345	2.0	33	0.3	0.90	7	3.4	1.9	15	0.03
DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JAN										
17...	1344	--	--	--	--	--	--	--	2.80	0.100
17...	1345	0.010	0.080	0.050	0.41	0.46	0.050	0.050	--	--
MAY										
25...	1052	--	--	--	--	--	--	--	8.00	2.00
25...	1054	<0.010	<0.020	--	--	--	0.030	0.010	--	--
AUG										
31...	1054	0.010	0.020	--	--	--	0.050	0.020	8.00	--

ARKANSAS RIVER BASIN

07262000 NIMROD LAKE NEAR NIMROD

LOCATION.--Lat 34°57'07" long 93°09'38", in NW1/4SW1/4, sec.32, T.4 N., R.20 W., Perry County, Hydrologic Unit 11110206, at Nimrod Dam, 4.8 mi west of Nimrod, 10.2 mi upstream from South Fourche LaFave River, and at mile 62.6.

DRAINAGE AREA.--684 mi².

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
17...	1306	80513	80513	0.0	48.0	28	6.1	752	9.0	13.6
17...	1307	80513	80020	3.00	48.0	28	6.1	752	9.0	13.5
17...	1308	80513	81213	24.0	48.0	29	6.1	752	8.5	13.3
MAY										
25...	1135	80513	80513	0.0	46.0	30	6.3	757	24.0	8.4
25...	1136	80513	81213	3.00	46.0	30	6.3	757	23.5	8.2
25...	1137	80513	81213	23.0	46.0	30	5.8	757	20.0	4.2
AUG										
31...	1131	80513	80513	0.0	34.0	41	6.2	755	29.0	3.9
31...	1132	80513	81213	3.00	34.0	41	6.3	755	29.0	3.5
31...	1134	80513	81213	17.0	34.0	41	6.1	755	28.5	2.1
DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
17...	1306	119	0.55	190	--	--	--	--	--	--
17...	1307	118	--	--	--	--	--	--	--	--
17...	1308	116	--	--	40	22	2.0	8	1.3	1.1
MAY										
25...	1135	100	1.70	<1	--	--	--	--	--	--
25...	1136	97	--	--	--	--	--	--	--	--
25...	1137	46	--	--	30	5.2	2.3	--	--	--
AUG										
31...	1131	51	1.10	K4	--	--	--	--	--	--
31...	1132	46	--	--	--	--	--	--	--	--
31...	1134	28	--	--	10	7.0	<2.0	--	--	--
DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
17...	1308	2.4	37	0.4	0.90	8	3.5	2.4	16	0.03
DATE	TIME	NITRO- GEN NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JAN										
17...	1307	--	--	--	--	--	--	--	2.80	0.200
17...	1308	<0.010	0.080	0.030	0.37	0.40	<0.020	0.030	--	--
MAY										
25...	1136	--	--	--	--	--	--	--	6.00	0.600
25...	1137	<0.010	<0.020	--	--	--	0.020	0.010	--	--
AUG										
31...	1132	--	--	--	--	--	--	--	13.0	--
31...	1134	0.010	0.020	--	--	--	0.020	0.010	--	--

ARKANSAS RIVER BASIN

07262500 FOURCHE LAFAYE RIVER NEAR NIMROD

LOCATION.--Lat 34°57'02" long 93°09'16", in NE1/4SW1/4, sec.32, T.4 N., R.20 W., Perry County, Hydrologic Unit 11110206, at Nimrod Dam, 4.5 mi southwest of Nimrod.

DRAINAGE AREA.--684 mi².

PERIOD OF RECORD.--Water years 1958-60, July 1975 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
JAN 17...	1240	80513	81213	28	6.1	752	8.5	14.5	126	180
MAY 25...	1201	80513	81213	31	6.1	758	19.5	9.1	99	K6
AUG 31...	1200	80513	81213	47	6.5	755	28.5	5.9	76	K55

DATE	TIME	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
JAN 17...	1240	40	20	2.6	8	1.4	1.2	2.4	35
MAY 25...	1201	50	13	2.0	10	1.7	1.4	2.1	29
AUG 31...	1200	20	14	2.2	13	2.3	1.7	2.5	27

DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)
JAN 17...	1240	0.4	0.90	8	3.5	2.3	16	0.04	<0.010
MAY 25...	1201	0.3	1.0	--	2.7	1.6	--	--	0.010
AUG 31...	1200	0.3	1.3	--	2.0	2.1	--	--	0.010

DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)
JAN 17...	1240	0.080	0.040	0.39	0.43	<0.020	0.030	310	<1
MAY 25...	1201	0.020	0.120	0.37	0.49	0.110	0.020	240	<1
AUG 31...	1200	0.120	0.220	0.42	0.64	0.020	0.010	100	2

DATE	TIME	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
JAN 17...	1240	<1	2	790	1	96	<0.10	1	10
MAY 25...	1201	1	2	670	1	340	0.10	2	4
AUG 31...	1200	<1	<1	1300	<1	1100	<0.10	1	30

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LOCATION.--Lat 34°54'41", long 93°03'21", in SE1/4NE1/4 sec.18, T.3 N., R.19 W., Perry County, Hydrologic Unit 11110206, on left bank 0.8 mi upstream from Big Cove Creek, 2.1 mi downstream from Cedar Creek, 4.0 mi northeast of Hollis, and at mile 5.6.

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

GAGE.--Water-stage recorder. Datum of gage is 366.10 ft above sea level (U.S. Army Corps of Engineers bench mark).

REMARKS.-Records good. Satellite telemeter at station.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.1	1.4	154	101	256	163	333	1120	488	26	1.8	.00
2	1.8	1.3	131	90	223	134	298	849	316	27	1.3	.00
3	1.6	1.3	118	83	194	124	272	448	588	17	.85	.00
4	1.2	1.7	106	77	166	117	288	308	840	15	.69	.00
5	1.0	1640	96	71	147	115	279	226	394	378	.54	.00
6	.83	739	87	103	132	114	259	196	270	417	.47	.00
7	.72	289	79	372	119	1840	236	411	215	186	.55	.00
8	1.0	177	385	274	106	1580	219	4840	144	100	.39	.00
9	1.2	1350	4930	209	97	888	204	2070	100	65	.22	.00
10	1.0	2080	4440	174	92	657	1550	759	121	49	.12	.00
11	.84	641	1550	161	86	527	5830	412	335	40	.06	.00
12	.82	356	761	154	79	438	2010	e288	406	32	.00	.00
13	.87	288	509	7190	72	382	779	e233	257	26	.00	.00
14	1.0	196	376	2700	69	445	429	e183	162	22	.00	.00
15	.95	254	300	1520	78	1540	296	138	111	19	.00	.00
16	1.2	385	908	798	81	1140	224	110	84	15	.00	.00
17	1.6	330	1200	491	81	783	184	93	68	13	.00	.00
18	1.6	250	655	627	77	604	183	104	57	10	.00	.00
19	2.2	198	446	1460	71	490	162	81	48	8.6	.00	.00
20	2.5	170	370	887	67	413	269	67	40	7.0	.00	.00
21	2.5	198	490	590	63	354	326	58	34	6.4	.00	.00
22	2.4	204	430	446	59	315	236	51	28	5.3	.00	.00
23	2.1	170	331	372	56	286	333	44	24	4.8	.00	.00
24	2.0	144	270	347	53	258	411	38	25	5.3	.00	.00
25	2.0	128	226	350	50	236	277	115	20	4.9	.00	.00
26	2.0	116	193	344	56	677	204	79	16	5.0	.00	.00
27	1.8	152	171	441	173	2110	163	118	14	4.7	.00	.00
28	1.7	279	153	503	210	891	130	116	12	4.3	.00	.07
29	1.6	230	138	391	---	600	114	92	10	3.5	.00	.58
30	1.4	182	125	332	---	465	115	67	9.3	2.7	.00	.56
31	1.4	---	114	294	---	384	---	102	---	2.2	.00	---
TOTAL	46.93	11111.7	20242	21952	3013	19070	16613	13816	5236.3	1521.7	6.99	1.21
MEAN	1.51	370	653	708	108	615	554	446	175	49.1	.23	.040
MAX	2.5	2080	4930	7190	256	2110	5830	4840	840	417	1.8	.58
MIN	.72	1.3	79	71	50	114	114	38	9.3	2.2	.00	.00
AC-FT	.93	22040	40150	43540	5980	37830	32950	27400	10390	3020	14	2.4
CFSM	.01	1.76	3.11	3.37	.51	2.93	2.64	2.12	.83	.23	.00	.00
IN.	.01	1.97	3.59	3.89	.53	3.38	2.94	2.45	.93	.27	.00	

MEAN	107	249	462	412	505	638	511	439	152	48.2	34.6	54.3
MAX	2578	965	2876	2044	1456	2268	1733	1568	1021	403	449	648
(WY)	1985	1992	1983	1949	1945	1945	1957	1968	1974	1967	1957	1950
MIN	.000	.26	3.66	9.94	20.6	41.5	37.3	9.38	2.63	.042	.000	.000
(WY)	1948	1954	1954	1964	1963	1972	1963	1992	1964	1954	1943	1943

ANNUAL TOTAL	113894.63		112630.83				
ANNUAL MEAN	312		309			300	
HIGHEST ANNUAL MEAN						597	1945
LOWEST ANNUAL MEAN						100	1963
HIGHEST DAILY MEAN	6440	May 13	7190	Jan 13		58100	Dec 3 1982
LOWEST DAILY MEAN	.72	Oct 7	.00	Aug 12		.00	Jul 24 1943
ANNUAL SEVEN-DAY MINIMUM	.92	Oct 6	.00	Aug 12		.00	Jul 24 1943
INSTANTANEOUS PEAK FLOW			13900	Jan 13		94000	Dec 3 1982
INSTANTANEOUS PEAK STAGE			11.61	Jan 13		24.55	Dec 3 1982
INSTANTANEOUS LOW FLOW			.00	at times		.00	at times
ANNUAL RUNOFF (AC-FT)	225900		223400			217500	
ANNUAL RUNOFF (CFSM)	1.49		1.47			1.43	
ANNUAL RUNOFF (INCHES)	20.18		19.95			19.43	
10 PERCENT EXCEEDS	740		656			605	
50 PERCENT EXCEEDS	114		111			55	
90 PERCENT EXCEEDS	2.5		.00			.75	

e Estimated

^aFrom rating curve extended above 35,000 ft³/s on basis of slope-area measurement at gage heights 18.51 ft and 19.47 ft.
^eEstimated

ARKANSAS RIVER BASIN

07263295 MAUMELLE RIVER AT WILLIAMS JUNCTION

LOCATION.--Lat 34°52'33, long 92°46'28", in SE1/4NE1/4 sec.26, T.3 N., R.17 W., Perry County, Hydrologic Unit 11110207, near left bank on downstream side of State Highway 9 bridge 0.4 mi south of Williams Junction.

DRAINAGE AREA.--46.1 mi².

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is 386.45 ft above sea level.

REMARKS.--No estimated daily discharges. Water-discharge records fair, except for those below 2.0 ft³/s, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.24	3.4	34	23	50	26	34	174	47	5.3	.00	.00
2	.20	3.4	30	21	43	24	29	136	41	4.7	.00	.00
3	.11	5.5	27	20	36	24	25	88	130	3.8	.00	.00
4	.00	16	25	19	31	24	32	68	122	2.6	.00	.00
5	.00	531	23	17	27	25	26	50	58	16	.00	.00
6	.00	109	21	21	25	25	22	50	38	13	.00	.00
7	.07	49	19	26	23	404	20	74	29	9.9	.00	.00
8	.07	33	91	22	21	246	18	762	23	8.7	.00	.00
9	.02	334	907	20	20	144	17	378	18	7.3	.00	.00
10	.02	298	1160	18	20	101	79	165	19	5.8	.01	.00
11	.00	120	352	18	19	75	1030	99	50	5.3	.00	.00
12	.00	74	192	19	17	59	303	71	69	4.5	.00	.00
13	.00	54	130	1200	16	49	152	54	40	3.7	.00	.00
14	.00	45	98	443	17	134	100	41	28	2.7	.00	.00
15	.00	174	78	206	23	344	71	32	21	2.2	.00	.00
16	.00	152	189	134	18	194	54	27	17	2.1	.00	.00
17	.00	97	195	104	19	127	44	24	14	1.3	.00	.00
18	.00	69	131	235	17	91	55	29	12	1.9	.00	.00
19	.00	52	97	393	16	69	42	27	11	1.5	.08	.00
20	.00	47	90	212	15	53	118	20	9.4	1.4	2.9	.00
21	.00	57	89	140	15	42	99	18	8.2	3.3	1.0	.00
22	.00	42	71	108	18	36	68	16	7.6	1.5	.00	.00
23	.00	35	62	90	18	31	90	14	7.0	1.5	.00	.00
24	.00	32	53	79	17	25	78	13	6.4	2.6	.00	.00
25	.68	29	46	69	16	23	61	18	6.1	1.9	.00	.00
26	2.1	27	41	61	18	52	49	18	5.1	1.2	.00	.00
27	2.9	73	36	93	28	191	39	17	4.4	1.14	.00	.00
28	2.8	60	33	84	30	94	32	32	3.3	.00	.00	.00
29	3.0	48	30	70	---	64	30	29	3.9	.00	.00	.00
30	3.0	40	27	65	---	49	31	20	4.4	.00	.00	.00
31	3.4	---	25	57	---	39	---	20	---	.00	.00	---
TOTAL	18.52	2709.3	4402	4087	633	2884	2848	2584	852.8	115.84	3.99	0.00
MEAN	.60	90.3	142	132	22.6	93.0	94.9	83.4	28.4	3.74	.13	.000
MAX	3.4	531	1160	1200	50	404	1030	762	130	16	2.9	.00
MIN	.00	3.4	19	17	15	23	17	13	3.3	.00	.00	.00
AC-FT	.37	5370	8730	8110	1260	5720	5650	5130	1690	230	7.9	.00
CFSM	.01	1.96	3.08	2.86	.49	2.02	2.06	1.81	.62	.08	.00	.00
IN.	.01	2.19	3.55	3.30	.51	2.33	2.30	2.09	.69	.09	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1995, BY WATER YEAR (WY)

	MEAN	27.2	59.4	148	131	96.2	117	133	100	17.9	13.7	2.68	2.75
MAX	85.9	132	222	228	246	256	247	257	36.1	47.3	12.9	10.7	
(WY)	1991	1992	1992	1991	1990	1990	1991	1990	1992	1994	1992	1991	
MIN	.000	3.97	3.53	65.6	22.6	43.0	8.26	1.20	6.94	.016	.000	.000	
(WY)	1993	1990	1990	1992	1995	1991	1992	1992	1994	1990	1990	1993	

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1989 - 1995

ANNUAL TOTAL	25271.80	21138.45	70.8
ANNUAL MEAN	69.2	57.9	91.9
HIGHEST ANNUAL MEAN			57.9
LOWEST ANNUAL MEAN			
HIGHEST DAILY MEAN	1600	1200	2620
LOWEST DAILY MEAN	.00	.00	.00
ANNUAL SEVEN-DAY MINIMUM	.00	.00	.00
INSTANTANEOUS PEAK FLOW		2080	6450
INSTANTANEOUS PEAK STAGE		8.16	12.19
INSTANTANEOUS LOW FLOW		.00	.00
ANNUAL RUNOFF (AC-FT)	50130	41930	51280
ANNUAL RUNOFF (CFSM)	1.50	1.26	1.54
ANNUAL RUNOFF (INCHES)	20.39	17.06	20.86
10 PERCENT EXCEEDS	173	130	165
50 PERCENT EXCEEDS	25	21	15
90 PERCENT EXCEEDS	.62	.00	.00

ARKANSAS RIVER BASIN

07263295 MAUMELLE RIVER AT WILLIAMS JUNCTION--CONTINUED

WATER-QUALITY RECORDS

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	MOIS- TURE CONTENT DRY WT. (% OF TOTAL) (00495)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)
DEC 28...	1315	80513	80020	17	23	6.1	6.5	760	27	6.0	13.6
JAN 13...	1115	80513	80020	--	23	6.8	12.0	749	100	32	9.7
MAR 07...	1115	80513	80020	--	22	6.3	9.5	752	120	42	9.8
MAY 08...	1029	80513	81213	--	22	6.4	16.0	740	60	32	9.5
AUG 14...	0930	80513	81213	25	44	5.6	28.0	755	10	8.4	3.4
DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL KF AGAR (COLS./ PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
DEC 28...	1315	111	K14	K16	6	0.90	0.85	1.2	29	0.2	0.40
JAN 13...	1115	91	2200	>6000	4	0.58	0.52	0.90	25	0.2	1.7
MAR 07...	1115	87	560	3200	8	1.3	1.1	1.0	21	0.2	0.50
MAY 08...	1029	99	K3600	K3400	7	1.2	1.0	1.2	25	0.2	0.60
AUG 14...	0930	44	83	K100	15	2.1	2.4	1.7	18	0.2	1.2
DATE	TIME	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	
DEC 28...	1315	6	1.6	1.6	<0.10	6.8	24	17	0.03	--	
JAN 13...	1115	3	2.3	1.0	<0.10	4.4	28	14	0.04	0.015	
MAR 07...	1115	6	2.8	1.2	<0.10	4.4	38	16	0.05	0.008	
MAY 08...	1029	8	2.4	1.3	<0.10	4.7	42	18	0.06	0.009	
AUG 14...	0930	15	1.4	2.9	0.10	3.0	30	24	0.04	0.00	
DATE	TIME	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NO2+NO3 TOT. IN BOT MAT (MG/KG AS N) (00633)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NH4 TOTAL IN BOT. (MG/KG AS N) (00611)	
DEC 28...	1315	--	--	<0.001	--	--	<0.005	12	0.002	7.8	
JAN 13...	1115	--	--	<0.001	--	0.015	0.015	--	0.007	--	
MAR 07...	1115	0.008	0.03	0.006	0.02	0.014	0.014	--	0.014	--	
MAY 08...	1029	0.009	0.04	0.002	0.01	0.011	0.011	--	0.008	--	
AUG 14...	0930	0.00	0.0	0.002	0.01	0.002	0.002	6.0	0.006	5.6	
DATE	TIME	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	NITRO- GEN, NH4 + ORG. TOT IN BOT MAT (MG/KG AS N) (00626)	NITRO- GEN, DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	
DEC 28...	1315	0.00	--	--	<0.20	<0.20	290	--	--	0.010	
JAN 13...	1115	0.01	0.89	0.29	0.90	0.30	--	0.32	0.91	0.038	
MAR 07...	1115	0.02	0.51	0.38	0.52	0.39	--	0.40	0.53	0.060	
MAY 08...	1029	0.01	0.48	0.21	0.49	0.22	--	0.23	0.50	0.040	
AUG 14...	0930	0.01	0.46	--	0.47	--	440	--	0.47	0.026	
DATE	TIME	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL IN BOT. MAT. (MG/KG AS P) (00668)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON ORGANIC TOTAL (MG/L AS C) (00680)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, RECOV- ED BOT- TOM MA- TERIAL (UG/G AS FE) (01170)	MANGA- NESE TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	
DEC 28...	1315	0.00	200	0.005	0.001	1.8	130	210	13000	<10	
JAN 13...	1115	0.02	--	0.023	0.008	14	270	1700	--	140	
MAR 07...	1115	0.03	--	0.020	0.010	12	250	720	--	50	
MAY 08...	1029	0.06	--	0.020	0.020	24	220	860	--	79	
AUG 14...	0930	0.00	140	--	0.001	5.2	220	490	4400	150	

ARKANSAS RIVER BASIN

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07263295 MAUMELLE RIVER AT WILLIAMS JUNCTION--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G) (01053)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/G AS HG) (71921)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDED TOTAL (MG/L AS C) (00689)	CARBON, INOR- GANIC, TOT IN BOT MAT (G/KG AS C) (00686)	CARBON, INORG + ORGANIC TOT. IN BOT MAT (GM/KG AS C) (00693)	SEDI- MENT, SUS- PENDED (MG/L) (80154)
DEC 28...	1315	6	120	<0.10	0.02	1.8	0.2	<0.1	6.3	2
JAN 13...	1115	14	--	0.10	--	9.1	2.5	--	--	17
MAR 07...	1115	20	--	<0.10	--	11	0.6	--	--	39
MAY 08...	1029	30	--	<0.10	--	6.8	2.1	--	--	51
AUG 14...	0930	51	<10	0.10	<0.01	4.2	0.4	<0.1	3.5	--

ARKANSAS RIVER BASIN

07263297 LAKE MAUMELLE EAST OF HWY 10 BRIDGE NEAR WYE

LOCATION.--Lat 34°52'31", long 92°38'53", in SW1/4NW1/4 sec.30, T.3 N., R.15 W., Pulaski County, Hydrologic Unit 11110207, downstream from bridge on State Highway 10, 4.3 mi south of Wye.

PERIOD OF RECORD.--May 1989 to current year

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	PER- CENT OF TOTAL DEPTH (00005)	DEPTH TO BOT- TOM OF SAMPLE INTER- VAL (FT) (72016)	RESER- VOIR DEPTH (FEET) (72025)	DEPTH TO TOP OF SAMPLE INTER- VAL (FT) (72015)	SAMPLE MID- POINT (FEET) (81909)	MOIS- TURE CONTENT DRY WT. (% OF TOTAL) (00495)
DEC										
28...	1043	80513	80513	0.0	--	--	22.0	--	--	--
28...	1044	80513	80513	5.00	--	--	22.0	--	--	--
28...	1045	80513	80513	10.0	--	--	22.0	--	--	--
28...	1046	80513	80513	15.0	--	--	22.0	--	--	--
28...	1047	80513	80513	20.0	--	--	22.0	--	--	--
28...	1048	80513	80513	22.0	--	--	22.0	--	--	--
28...	1049	80513	80020	--	--	22	22.0	0.0	11.0	--
28...	1050	80513	80020	--	--	--	22.0	--	--	22
MAY										
09...	1234	80513	80513	0.30	--	--	20.0	--	--	--
09...	1235	80513	80513	5.00	--	--	20.0	--	--	--
09...	1236	80513	80513	9.90	--	--	20.0	--	--	--
09...	1237	80513	80513	14.9	--	--	20.0	--	--	--
09...	1238	80513	80513	20.0	--	--	20.0	--	--	--
09...	1245	80513	80020	--	100	--	20.0	--	10.0	--
10...	1110	80513	80513	--	--	--	20.0	--	--	--
AUG										
15...	1047	80513	80513	0.40	--	--	17.0	--	--	--
15...	1049	80513	80513	5.00	--	--	17.0	--	--	--
15...	1050	80513	80513	10.0	--	--	17.0	--	--	--
15...	1051	80513	80513	15.1	--	--	17.0	--	--	--
15...	1052	80513	80513	16.8	--	--	17.0	--	--	--
15...	1053	80513	81213	--	95.0	--	17.0	--	8.00	--
15...	1055	80513	80020	--	--	--	17.0	--	--	52

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	BARO- METRIC PRES- SURE OF (MM HG) (00025)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	TRANS- PAR- ENCY (SECCHI DISK) (IN) (00077)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	OXYGEN, DIS- SOLVED (MG/L) (00300)
DEC										
28...	1043	25	6.1	8.5	749	--	--	--	--	12.1
28...	1044	25	6.1	8.5	749	--	--	--	--	12.0
28...	1045	25	6.0	8.0	749	--	--	--	--	11.9
28...	1046	25	6.0	8.0	749	--	--	--	--	11.9
28...	1047	26	6.0	8.0	749	--	--	--	--	11.9
28...	1048	26	6.0	8.0	749	--	--	--	--	11.8
28...	1049	--	--	--	749	22	4.7	--	--	--
28...	1050	--	--	--	749	--	--	--	--	--
MAY										
09...	1234	21	5.9	17.0	750	--	--	10.0	0.20	11.2
09...	1235	21	5.8	17.0	750	--	--	--	--	11.1
09...	1236	21	5.8	17.0	750	--	--	--	--	11.1
09...	1237	21	5.8	17.0	750	--	--	--	--	11.0
09...	1238	21	5.8	17.0	750	--	--	--	--	11.0
09...	1245	21	5.9	--	750	50	24	--	--	--
10...	1110	--	--	--	750	--	--	--	--	--
AUG										
15...	1047	25	5.5	31.5	755	--	--	48.0	1.20	6.1
15...	1049	25	5.7	31.0	755	--	--	--	--	5.8
15...	1050	25	5.7	31.0	755	--	--	--	--	5.5
15...	1051	27	5.4	30.5	755	--	--	--	--	1.4
15...	1052	31	5.4	30.0	755	--	--	--	--	0.4
15...	1053	--	--	--	755	10	11	--	--	--
15...	1055	--	--	--	755	--	--	--	--	--

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS/ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS/ PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)
DEC										
28...	1043	106	--	--	--	--	--	--	--	--
28...	1044	105	--	--	--	--	--	--	--	--
28...	1045	103	--	--	--	--	--	--	--	--
28...	1046	102	--	--	--	--	--	--	--	--
28...	1047	102	--	--	--	--	--	--	--	--
28...	1048	101	--	--	--	--	--	--	--	--
28...	1049	--	K3	<1	6	0.94	1.0	1.1	25	0.2
MAY										
09...	1234	118	--	--	--	--	--	--	--	--
09...	1235	117	--	--	--	--	--	--	--	--
09...	1236	117	--	--	--	--	--	--	--	--
09...	1237	116	--	--	--	--	--	--	--	--
09...	1238	115	--	--	--	--	--	--	--	--
09...	1245	--	K1300	2200	6	0.90	1.0	1.1	25	0.2
AUG										
15...	1047	83	--	--	--	--	--	--	--	--
15...	1049	79	--	--	--	--	--	--	--	--
15...	1050	74	--	--	--	--	--	--	--	--
15...	1051	18	--	--	--	--	--	--	--	--
15...	1052	5	--	--	--	--	--	--	--	--
15...	1053	--	K4	100	8	1.1	1.2	1.3	25	0.2

ARKANSAS RIVER BASIN

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07263297 LAKE MAUMELLE EAST OF HWY 10 BRIDGE NEAR WYE--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
DEC 28...	1049	0.60	7	2.0	2.0	<0.10	3.4	24	15	0.03
MAY 09...	1245	0.60	6	2.9	1.1	<0.10	4.9	34	17	0.05
AUG 15...	1053	0.60	9	2.7	1.7	0.10	1.5	26	16	0.03
DATE	TIME	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N03) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N02) (71856)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00633)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)
DEC 28...	1049	0.017	--	--	<0.001	--	0.017	0.017	--	0.010
DEC 28...	1050	--	--	--	--	--	--	--	<2.0	--
MAY 09...	1245	0.023	0.023	0.10	0.002	0.01	0.025	0.025	--	0.025
AUG 15...	1053	0.004	0.004	0.02	0.001	0.00	0.005	0.005	--	0.014
AUG 15...	1055	--	--	--	--	--	--	--	<2.0	--
DATE	TIME	NITRO- GEN, NH4 TOTAL IN BOT. MAT. (MG/KG AS N) (00611)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	NITRO- GEN, NH4 + ORG. TOTAL BOT MAT (MG/KG AS N) (00626)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS P04) (00660)
DEC 28...	1049	--	0.01	--	<0.20	<0.20	--	--	0.015	0.00
DEC 28...	1050	5.4	--	--	--	--	310	--	--	--
MAY 09...	1245	--	0.03	0.24	0.26	<0.20	--	0.29	0.030	0.03
AUG 15...	1053	--	0.02	0.34	0.35	--	--	0.36	0.016	0.00
AUG 15...	1055	37	--	--	--	--	1300	--	--	--
DATE	TIME	PHOS- PHORUS TOTAL IN BOT. MAT. (MG/KG AS P) (00668)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS FE) (01170)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)
DEC 28...	1049	--	0.005	0.001	3.7	88	210	--	30	12
DEC 28...	1050	310	--	--	--	--	--	18000	--	--
MAY 09...	1245	--	0.010	0.010	7.1	160	540	--	35	24
AUG 15...	1053	--	--	0.001	3.8	23	260	--	96	2
AUG 15...	1055	250	--	--	--	--	--	14000	--	--
DATE	TIME	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G) (01053)	MERCURY TOTAL RECOV- ERABLE (UG/HG) (71900)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/G AS HG) (71921)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDE TOTAL (MG/L AS C) (00689)	CARBON, INOR- GANIC, TOT IN BOT MAT (G/KG AS C) (00686)	CARBON, INOR- GANIC TOT. IN BOT MAT (GM/KG AS C) (00693)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)
DEC 28...	1049	--	0.10	--	2.9	0.3	--	--	<0.100	2.20
DEC 28...	1050	360	--	0.02	--	--	<0.1	3.1	--	--
MAY 09...	1245	--	<0.10	--	5.1	0.7	--	--	--	--
AUG 15...	1053	--	0.10	--	3.2	0.5	--	--	0.100	3.00
AUG 15...	1055	<10	--	0.04	--	--	0.3	16	--	--

ARKANSAS RIVER BASIN

07263299 LAKE MAUMELLE NEAR LITTLE ITALY

LOCATION.--Lat 34°43'34", long 92°34'35", in SW1/4NW1/4 sec.26, T.3 N., R.15 W., Pulaski County, Hydrologic Unit 11110207, on Lake Maumelle, 4.0 mi southwest of Little Italy.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	PER- CENT OF TOTAL DEPTH (00005)	DEPTH TO BOT- TOM OF SAMPLE INTER- VAL (FT) (72016)	RESER- VOIR DEPTH (FEET) (72025)	DEPTH TO TOP OF SAMPLE INTER- VAL (FT) (72015)	SAMPLE MID- POINT (FEET) (81909)	MOIS- TURE CONTENT DRY WT. (% OF TOTAL) (00495)
DEC										
28...	0946	80513	80513	0.0	--	--	45.0	--	--	--
28...	0947	80513	80513	5.00	--	--	45.0	--	--	--
28...	0948	80513	80513	10.0	--	--	45.0	--	--	--
28...	0949	80513	80513	15.0	--	--	45.0	--	--	--
28...	0950	80513	80513	20.0	--	--	45.0	--	--	--
28...	0951	80513	80513	25.0	--	--	45.0	--	--	--
28...	0952	80513	80513	30.0	--	--	45.0	--	--	--
28...	0953	80513	80513	35.0	--	--	45.0	--	--	--
28...	0954	80513	80513	40.0	--	--	45.0	--	--	--
28...	0955	80513	80513	45.0	--	--	45.0	--	--	--
28...	0956	80513	80020	--	--	45	45.0	0.0	--	--
28...	0957	80513	80020	--	--	--	45.0	--	--	36
MAY										
10...	0955	80513	80513	0.30	--	--	35.0	--	--	--
10...	0956	80513	80513	5.00	--	--	35.0	--	--	--
10...	0957	80513	80513	10.3	--	--	35.0	--	--	--
10...	0959	80513	80513	14.3	--	--	35.0	--	--	--
10...	1000	80513	80513	19.7	--	--	35.0	--	--	--
10...	1001	80513	80513	25.5	--	--	35.0	--	--	--
10...	1002	80513	80513	29.1	--	--	35.0	--	--	--
10...	1003	80513	80513	35.5	--	--	35.0	--	--	--
10...	1030	80513	81213	--	100	--	35.0	--	17.5	--
AUG										
15...	0917	80513	80513	0.50	--	--	45.0	--	--	--
15...	0918	80513	80513	5.00	--	--	45.0	--	--	--
15...	0919	80513	80513	10.1	--	--	45.0	--	--	--
15...	0920	80513	80513	15.0	--	--	45.0	--	--	--
15...	0921	80513	80513	18.0	--	--	45.0	--	--	--
15...	0922	80513	80513	19.1	--	--	45.0	--	--	--
15...	0923	80513	80513	20.0	--	--	45.0	--	--	--
15...	0924	80513	80513	22.0	--	--	45.0	--	--	--
15...	0926	80513	80513	25.1	--	--	45.0	--	--	--
15...	0927	80513	80513	26.1	--	--	45.0	--	--	--
15...	0928	80513	80513	27.2	--	--	45.0	--	--	--
15...	0929	80513	80513	29.9	--	--	45.0	--	--	--
15...	0931	80513	80513	35.1	--	--	45.0	--	--	--
15...	0932	80513	80513	40.2	--	--	45.0	--	--	--
15...	0933	80513	80513	44.8	--	--	45.0	--	--	--
15...	0934	80513	81213	--	33.0	--	45.0	--	7.50	--
15...	0940	80513	81213	--	33.0	--	45.0	--	37.5	--
15...	0945	80513	80020	--	--	--	--	--	--	77
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	TRANS- PAR- ENCY (SECCHI DISK) (IN) (00077)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	OXYGEN, DIS- SOLVED (MG/L) (00300)
DEC										
28...	0946	25	6.2	9.5	749	--	--	84.0	2.10	12.4
28...	0947	25	6.2	9.5	749	--	--	--	--	12.1
28...	0948	25	6.2	9.5	749	--	--	--	--	11.8
28...	0949	25	6.2	9.5	749	--	--	--	--	11.7
28...	0950	25	6.2	9.5	749	--	--	--	--	11.6
28...	0951	26	6.2	9.5	749	--	--	--	--	11.6
28...	0952	26	6.2	9.5	749	--	--	--	--	11.6
28...	0953	26	6.2	9.5	749	--	--	--	--	11.5
28...	0954	26	6.2	9.0	749	--	--	--	--	11.5
28...	0955	26	6.2	9.0	749	--	--	--	--	11.5
28...	0956	--	--	--	749	14	2.2	--	--	--
28...	0957	--	--	--	749	--	--	--	--	--
MAY										
10...	0955	22	6.3	19.0	753	--	--	6.00	2.20	13.8
10...	0956	22	6.3	19.0	753	--	--	--	--	13.7
10...	0957	22	6.3	19.0	753	--	--	--	--	13.7
10...	0959	22	6.2	19.0	753	--	--	--	--	13.6
10...	1000	22	6.2	19.0	753	--	--	--	--	13.6
10...	1001	22	6.2	19.0	753	--	--	--	--	13.4
10...	1002	22	6.0	18.0	753	--	--	--	--	11.7
10...	1003	22	6.0	18.0	753	--	--	--	--	11.3
10...	1030	22	6.3	--	753	5	2.8	--	--	--
AUG										
15...	0917	24	5.6	31.0	755	--	--	162	4.10	7.6
15...	0918	24	6.1	31.0	755	--	--	--	--	7.5
15...	0919	24	6.5	31.0	755	--	--	--	--	7.4
15...	0920	24	6.5	31.0	755	--	--	--	--	7.3
15...	0921	24	6.1	30.5	755	--	--	--	--	6.4
15...	0922	25	5.7	29.0	755	--	--	--	--	0.8
15...	0923	29	5.5	27.0	755	--	--	--	--	0.2
15...	0924	30	5.5	26.5	755	--	--	--	--	0.2
15...	0926	36	5.6	25.5	755	--	--	--	--	0.2
15...	0927	40	5.7	24.0	755	--	--	--	--	0.2
15...	0928	43	5.7	23.5	755	--	--	--	--	0.2
15...	0929	62	6.0	22.5	755	--	--	--	--	0.2
15...	0931	65	6.2	22.0	755	--	--	--	--	0.2
15...	0932	65	6.3	22.0	755	--	--	--	--	0.2
15...	0933	66	6.3	22.0	755	--	--	--	--	0.2
15...	0934	--	--	--	--	5	1.3	--	--	--
15...	0940	--	--	--	--	35	8.0	--	--	--

ARKANSAS RIVER BASIN

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07263299 LAKE MAUMELLE NEAR LITTLE ITALY--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOC- CI, FECAL KF AGAR (COLS./ PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)
DEC										
28...	0946	110	--	--	--	--	--	--	--	--
28...	0947	107	--	--	--	--	--	--	--	--
28...	0948	105	--	--	--	--	--	--	--	--
28...	0949	104	--	--	--	--	--	--	--	--
28...	0950	103	--	--	--	--	--	--	--	--
28...	0951	102	--	--	--	--	--	--	--	--
28...	0952	102	--	--	--	--	--	--	--	--
28...	0953	102	--	--	--	--	--	--	--	--
28...	0954	102	--	--	--	--	--	--	--	--
28...	0955	101	--	--	--	--	--	--	--	--
28...	0956	--	K3	<1	7	0.98	1.1	1.1	24	0.2
MAY										
10...	0955	151	--	--	--	--	--	--	--	--
10...	0956	150	--	--	--	--	--	--	--	--
10...	0957	149	--	--	--	--	--	--	--	--
10...	0959	149	--	--	--	--	--	--	--	--
10...	1000	148	--	--	--	--	--	--	--	--
10...	1001	146	--	--	--	--	--	--	--	--
10...	1002	125	--	--	--	--	--	--	--	--
10...	1003	120	--	--	--	--	--	--	--	--
10...	1030	--	K1	K2	6	0.90	1.0	1.3	28	0.2
AUG										
15...	0917	103	--	--	--	--	--	--	--	--
15...	0918	101	--	--	--	--	--	--	--	--
15...	0919	100	--	--	--	--	--	--	--	--
15...	0920	99	--	--	--	--	--	--	--	--
15...	0921	86	--	--	--	--	--	--	--	--
15...	0922	11	--	--	--	--	--	--	--	--
15...	0923	3	--	--	--	--	--	--	--	--
15...	0924	3	--	--	--	--	--	--	--	--
15...	0926	2	--	--	--	--	--	--	--	--
15...	0927	2	--	--	--	--	--	--	--	--
15...	0928	2	--	--	--	--	--	--	--	--
15...	0929	2	--	--	--	--	--	--	--	--
15...	0931	2	--	--	--	--	--	--	--	--
15...	0932	2	--	--	--	--	--	--	--	--
15...	0933	2	--	--	--	--	--	--	--	--
15...	0934	--	K2	K6	7	0.90	1.2	1.2	25	0.2
15...	0940	--	22	K2	8	1.2	1.3	1.2	22	0.2

DATE	TIME	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
DEC										
28...	0956	0.60	8	1.9	2.2	<0.10	2.2	18	15	0.02
MAY										
10...	1030	0.60	8	3.0	1.7	<0.10	<0.01	8	13	0.01
AUG										
15...	0934	0.60	8	2.7	1.7	<0.10	1.0	22	14	0.03
15...	0940	0.60	11	2.3	1.7	<0.10	2.5	30	20	0.04

DATE	TIME	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NO2+NO3 TOT. IN BOT MAT (MG/KG AS N) (00633)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)
DEC										
28...	0956	0.018	--	--	<0.001	--	0.018	0.018	--	0.011
28...	0957	--	--	--	--	--	--	--	10	--
MAY										
10...	1030	--	--	--	<0.001	--	--	<0.002	--	0.017
AUG										
15...	0934	0.001	0.001	0.00	0.001	0.00	0.002	0.002	--	0.005
15...	0940	0.002	--	--	<0.001	--	0.002	0.002	--	0.042
15...	0945	--	--	--	--	--	--	--	<2.0	--

DATE	TIME	NITRO- GEN, NH4 TOTAL IN BOT. MAT. (MG/KG AS N) (00611)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	NITRO- GEN, NH4 + ORG. TOT IN BOT MAT (MG/KG AS N) (00626)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)
DEC										
28...	0956	--	0.01	--	<0.20	<0.20	--	--	0.013	0.00
28...	0957	45	--	--	--	--	1700	--	--	--
MAY										
10...	1030	--	0.02	--	<0.20	<0.20	--	--	0.010	--
AUG										
15...	0934	--	0.01	0.29	0.29	--	--	0.29	0.010	0.00
15...	0940	--	0.05	0.31	0.35	--	--	0.35	0.017	0.01
15...	0945	72	--	--	--	--	3600	--	--	--

ARKANSAS RIVER BASIN

07263299 LAKE MAUMELLE NEAR LITTLE ITALY--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	PHOS- PHORUS TOTAL IN BOT. MAT. (MG/KG AS P) (00668)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTH- DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS FE) (01170)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)
DEC										
28...	0956	--	0.003	0.001	3.3	49	150	--	30	3
28...	0957	580	--	--	--	--	--	31000	--	--
MAY										
10...	1030	--	0.006	<0.001	3.3	62	160	--	39	3
AUG										
15...	0934	--	--	0.001	3.3	4	30	--	19	2
15...	0940	--	--	0.002	4.1	870	1500	--	1200	1100
15...	0945	830	--	--	--	--	--	28000	--	--
DATE	TIME	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G) (01053)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/G AS HG) (71921)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDED TOTAL (MG/L AS C) (00689)	CARBON, INOR- GANIC, TOT IN BOT MAT (G/KG AS C) (00686)	CARBON, INOR- GANIC, TOT IN BOT MAT (GM/KG AS C) (00693)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)
DEC										
28...	0956	--	0.10	--	2.9	0.3	--	--	0.100	2.70
28...	0957	840	--	0.05	--	--	<0.1	33	--	--
MAY										
10...	1030	--	<0.10	--	2.8	0.4	--	--	--	--
AUG										
15...	0934	--	0.10	--	3.0	0.3	--	--	0.100	4.00
15...	0940	--	<0.10	--	3.2	0.4	--	--	--	--
15...	0945	<10	--	0.04	--	--	<0.1	32	--	--

ARKANSAS RIVER BASIN

072632995 LAKE MAUMELLE NEAR NATURAL STEPS

LOCATION.--Lat 34°51'39", long 92°30'07", in NE1/4NW1/4 sec.33, T.3 N., R.14 W., Pulaski County, Hydrologic Unit 11110207, at dam on Lake Maumelle, at Natural Steps.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	PER- CENT OF TOTAL DEPTH (00005)	DEPTH TO BOT- TOM OF SAMPLE INTER- VAL (FT) (72016)	RESER- VOIR DEPTH (FEET) (72025)	DEPTH TO TOP OF SAMPLE INTER- VAL (FT) (72015)	SAMPLE MID- POINT (FEET) (81909)	MOIS- TURE CONTENT DRY WT. (% OF TOTAL) (00495)
DEC										
28...	0851	80513	80513	0.0	--	--	28.0	--	--	--
28...	0852	80513	80513	5.00	--	--	28.0	--	--	--
28...	0853	80513	80513	10.0	--	--	28.0	--	--	--
28...	0854	80513	80513	15.0	--	--	28.0	--	--	--
28...	0855	80513	80513	20.0	--	--	28.0	--	--	--
28...	0856	80513	80513	25.0	--	--	28.0	--	--	--
28...	0857	80513	80513	28.0	--	--	28.0	--	--	--
28...	0858	80513	80020	--	--	28	28.0	0.0	14.0	--
28...	0859	80513	80513	--	--	--	28.0	--	--	35
MAY										
10...	0809	80513	80513	0.30	--	--	43.0	--	--	--
10...	0811	80513	80513	5.00	--	--	43.0	--	--	--
10...	0812	80513	80513	10.2	--	--	43.0	--	--	--
10...	0814	80513	80513	14.9	--	--	43.0	--	--	--
10...	0815	80513	80513	20.0	--	--	43.0	--	--	--
10...	0816	80513	80513	25.3	--	--	43.0	--	--	--
10...	0819	80513	80513	30.4	--	--	43.0	--	--	--
10...	0820	80513	80513	34.9	--	--	43.0	--	--	--
10...	0821	80513	80513	39.9	--	--	43.0	--	--	--
10...	0822	80513	80513	42.9	--	--	43.0	--	--	--
10...	0845	80513	81213	--	100	--	43.0	--	21.5	--
AUG										
15...	0732	80513	80513	0.20	--	--	45.0	--	--	--
15...	0733	80513	80513	5.00	--	--	45.0	--	--	--
15...	0734	80513	80513	10.2	--	--	45.0	--	--	--
15...	0736	80513	80513	15.0	--	--	45.0	--	--	--
15...	0738	80513	80513	20.0	--	--	45.0	--	--	--
15...	0739	80513	80513	23.0	--	--	45.0	--	--	--
15...	0741	80513	80513	24.0	--	--	45.0	--	--	--
15...	0742	80513	80513	25.0	--	--	45.0	--	--	--
15...	0743	80513	80513	26.1	--	--	45.0	--	--	--
15...	0745	80513	80513	29.0	--	--	45.0	--	--	--
15...	0746	80513	80513	30.1	--	--	45.0	--	--	--
15...	0747	80513	80513	33.1	--	--	45.0	--	--	--
15...	0748	80513	80513	35.0	--	--	45.0	--	--	--
15...	0749	80513	80513	40.0	--	--	45.0	--	--	--
15...	0751	80513	80513	44.9	--	--	45.0	--	--	--
15...	0752	80513	81213	--	47.0	--	45.0	--	10.5	--
15...	0753	80513	81213	--	20.0	--	45.0	--	25.5	--
15...	0754	80513	81213	--	33.0	--	45.0	--	38.0	--
15...	0755	80513	80020	--	--	--	--	--	--	80
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	BARO- METRIC PRESS- URE (MM OF HG) (00025)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	TRANS- PAR- ENCY (SECCHI DISK) (IN) (00077)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	OXYGEN, DIS- SOLVED (MG/L) (00300)
DEC										
28...	0851	26	6.3	10.0	749	--	--	96.0	2.80	12.8
28...	0852	25	6.3	10.0	749	--	--	--	--	12.3
28...	0853	26	6.3	9.5	749	--	--	--	--	11.8
28...	0854	25	6.3	9.5	749	--	--	--	--	11.7
28...	0855	26	6.3	9.5	749	--	--	--	--	11.5
28...	0856	27	6.2	9.5	749	--	--	--	--	11.4
28...	0857	27	6.2	9.5	749	--	--	--	--	11.4
28...	0858	--	--	--	749	13	1.5	--	--	--
28...	0859	--	--	--	749	--	--	--	--	--
MAY										
10...	0809	22	6.3	18.5	753	--	--	84.0	2.90	13.6
10...	0811	22	6.3	18.5	753	--	--	--	--	13.6
10...	0812	22	6.3	18.5	753	--	--	--	--	13.5
10...	0814	22	6.3	18.5	753	--	--	--	--	13.5
10...	0815	22	6.3	18.5	753	--	--	--	--	13.4
10...	0816	22	6.2	18.5	753	--	--	--	--	13.0
10...	0819	22	6.0	18.0	753	--	--	--	--	11.8
10...	0820	22	5.9	17.5	753	--	--	--	--	11.1
10...	0821	22	5.9	17.0	753	--	--	--	--	10.3
10...	0822	22	5.8	17.0	753	--	--	--	--	9.9
10...	0845	22	6.3	--	753	20	2.4	--	--	--
AUG										
15...	0732	24	6.0	29.5	755	--	--	168	4.30	7.2
15...	0733	24	6.2	30.0	755	--	--	--	--	7.3
15...	0734	24	6.3	30.0	755	--	--	--	--	7.3
15...	0736	24	6.4	30.0	755	--	--	--	--	7.3
15...	0738	24	6.4	29.5	755	--	--	--	--	7.1
15...	0739	25	5.8	29.0	755	--	--	--	--	3.3
15...	0741	25	5.4	28.0	755	--	--	--	--	2.2
15...	0742	27	5.4	27.0	755	--	--	--	--	0.2
15...	0743	44	5.7	25.0	755	--	--	--	--	0.2
15...	0745	50	5.9	23.5	755	--	--	--	--	0.2
15...	0746	56	6.0	22.5	755	--	--	--	--	0.2
15...	0747	63	6.2	22.0	755	--	--	--	--	0.2
15...	0748	65	6.2	22.0	755	--	--	--	--	0.2
15...	0749	66	6.3	21.5	755	--	--	--	--	0.2
15...	0751	68	6.4	21.0	755	--	--	--	--	0.2
15...	0752	--	--	--	--	5	0.60	--	--	--
15...	0753	--	--	--	--	5	1.0	--	--	--
15...	0754	--	--	--	--	10	5.2	--	--	--

ARKANSAS RIVER BASIN

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072632995 LAKE MAUMELLE NEAR NATURAL STEPS--CONTINUED WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCHI FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)
DEC										
28...	0851	115	--	--	--	--	--	--	--	--
28...	0852	110	--	--	--	--	--	--	--	--
28...	0853	105	--	--	--	--	--	--	--	--
28...	0854	105	--	--	--	--	--	--	--	--
28...	0855	103	--	--	--	--	--	--	--	--
28...	0856	102	--	--	--	--	--	--	--	--
28...	0857	102	--	--	--	--	--	--	--	--
28...	0858	--	K1	<1	7	1.1	1.1	1.1	23	0.2
MAY										
10...	0809	148	--	--	--	--	--	--	--	--
10...	0811	147	--	--	--	--	--	--	--	--
10...	0812	147	--	--	--	--	--	--	--	--
10...	0814	146	--	--	--	--	--	--	--	--
10...	0815	145	--	--	--	--	--	--	--	--
10...	0816	141	--	--	--	--	--	--	--	--
10...	0819	125	--	--	--	--	--	--	--	--
10...	0820	117	--	--	--	--	--	--	--	--
10...	0821	108	--	--	--	--	--	--	--	--
10...	0822	104	--	--	--	--	--	--	--	--
10...	0845	--	K1	<1	7	1.0	1.0	1.3	28	0.2
AUG										
15...	0732	95	--	--	--	--	--	--	--	--
15...	0733	97	--	--	--	--	--	--	--	--
15...	0734	97	--	--	--	--	--	--	--	--
15...	0736	97	--	--	--	--	--	--	--	--
15...	0738	95	--	--	--	--	--	--	--	--
15...	0739	43	--	--	--	--	--	--	--	--
15...	0741	28	--	--	--	--	--	--	--	--
15...	0742	3	--	--	--	--	--	--	--	--
15...	0743	3	--	--	--	--	--	--	--	--
15...	0745	2	--	--	--	--	--	--	--	--
15...	0746	2	--	--	--	--	--	--	--	--
15...	0747	2	--	--	--	--	--	--	--	--
15...	0748	2	--	--	--	--	--	--	--	--
15...	0749	2	--	--	--	--	--	--	--	--
15...	0751	0	--	--	--	--	--	--	--	--
15...	0752	--	K3	K2	7	1.0	1.2	1.2	24	0.2
15...	0753	--	83	K5	7	1.0	1.1	1.2	25	0.2
15...	0754	--	59	K2	8	1.2	1.2	1.2	23	0.2
		POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
DEC										
28...	0858	0.60	8	1.9	2.1	<0.10	2.0	18	15	0.02
MAY										
10...	0845	0.60	8	3.0	1.7	<0.10	<0.01	16	14	0.02
AUG										
15...	0752	0.60	9	2.8	1.7	0.10	1.0	26	15	0.03
15...	0753	0.60	12	2.7	1.6	0.10	1.0	24	16	0.03
15...	0754	0.60	7	2.5	1.7	0.10	1.8	24	16	0.03
		NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NO2+NO3 TOT. IN BOT MAT (MG/KG AS N) (00633)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)
DEC										
28...	0858	0.016	--	--	<0.001	--	0.016	0.016	--	0.005
28...	0859	--	--	--	--	--	--	--	<2.0	--
MAY										
10...	0845	--	--	--	<0.001	--	--	<0.002	--	0.020
AUG										
15...	0752	0.001	0.001	0.00	0.001	0.00	0.002	0.002	--	0.003
15...	0753	0.001	0.001	0.00	0.001	0.00	0.002	0.002	--	0.004
15...	0754	0.004	0.004	0.02	0.001	0.00	0.005	0.005	--	0.026
15...	0755	--	--	--	--	--	--	--	9.0	--
		NITRO- GEN, NH4 TOTAL IN BOT. MAT. (MG/KG AS N) (00611)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00623)	NITRO- GEN, NH4 + ORG. TOT IN BOT MAT (MG/KG AS N) (00626)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHATE, ORTHOPHOS- PHATE, DIS- SOLVED (MG/L AS PO4) (00660)
DEC										
28...	0858	--	0.01	--	<0.20	<0.20	--	--	0.011	0.01
28...	0859	27	--	--	--	--	1000	--	--	--
MAY										
10...	0845	--	0.03	--	<0.20	<0.20	--	--	0.010	--
AUG										
15...	0752	--	0.00	0.32	0.32	--	--	0.32	0.012	0.00
15...	0753	--	0.01	0.29	0.29	--	--	0.29	0.012	0.00
15...	0754	--	0.03	0.28	0.31	--	--	0.32	0.021	0.01
15...	0755	83	--	--	--	--	3600	--	--	--

ARKANSAS RIVER BASIN

072632995 LAKE MAUMELLE NEAR NATURAL STEPS--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	PHOS- PHORUS TOTAL IN BOT. MAT. (MG/KG AS P) (00668)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTH, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS FE) (01170)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)
DEC										
28...	0858	--	0.004	0.002	3.3	30	120	--	30	3
28...	0859	330	--	--	--	--	--	23000	--	--
MAY										
10...	0845	--	0.004	<0.001	3.4	50	170	--	40	3
AUG										
15...	0752	--	--	0.001	3.5	3	50	--	16	1
15...	0753	--	--	0.001	4.2	3	30	--	31	2
15...	0754	--	--	0.003	3.6	520	810	--	700	670
15...	0755	990	--	--	--	--	--	36000	--	--
DATE	TIME	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G) (01053)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/G AS HG) (71921)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDE TOTAL (MG/L AS C) (00689)	CARBON, INOR- GANIC, TOT IN BOT MAT (G/KG AS C) (00686)	CARBON, INORG + ORGANIC TOT. IN BOT MAT (GM/KG AS C) (00693)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)
DEC										
28...	0858	--	<0.10	--	3.0	0.2	--	--	0.100	2.80
28...	0859	1300	--	0.05	--	--	<0.1	24	--	--
MAY										
10...	0845	--	<0.10	--	2.6	0.4	--	--	--	--
AUG										
15...	0752	--	0.10	--	2.9	0.5	--	--	0.100	3.00
15...	0753	--	0.10	--	3.0	0.3	--	--	--	--
15...	0754	--	0.10	--	2.9	0.6	--	--	--	--
15...	0755	11	--	0.05	--	--	<0.1	34	--	--

ARKANSAS RIVER BASIN

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07263300 MAUMELLE RIVER AT MAUMELLE DAM AT NATURAL STEPS

LOCATION.--Lat 34°51'50, long 92°29'04", in SW1/4SE1/4 sec.27, T.3 N., R.14 W., Pulaski County, Hydrologic Unit 11110207, at right bank 100 ft upstream from spillway, 0.5 mi west of Natural Steps.

DRAINAGE AREA.--137 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 200.00 ft above sea level.

REMARKS.--No estimated daily discharges. Records good. Satellite telemeter at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	230	110	214	63	145	143	25	.00	.00	.00
2	.00	.00	199	84	190	51	120	155	23	.00	.00	.00
3	.00	.00	170	76	202	57	106	147	25	.00	.00	.00
4	.00	.00	157	65	156	53	121	166	40	.00	.00	.00
5	.00	.00	137	50	130	59	101	139	46	.00	.00	.00
6	.00	.00	114	62	113	57	87	122	39	.00	.00	.00
7	.00	.00	102	55	108	188	84	144	29	.00	.00	.00
8	.00	.00	109	48	78	361	79	509	19	.00	.00	.00
9	.00	.00	616	42	67	367	67	1040	14	.00	.00	.00
10	.00	.00	1560	37	58	352	56	973	14	.00	.00	.00
11	.00	.00	1630	37	50	322	415	801	31	.00	.00	.00
12	.00	.00	1360	34	39	286	692	626	33	.00	.00	.00
13	.00	.00	1130	208	31	246	610	519	25	.00	.00	.00
14	.00	.00	933	655	33	264	516	430	18	.00	.00	.00
15	.00	12	762	673	56	391	440	336	8.5	.00	.00	.00
16	.00	62	743	604	55	454	365	262	3.7	.00	.00	.00
17	.00	99	772	531	51	449	301	206	.50	.00	.00	.00
18	.00	110	692	614	46	403	293	199	.00	.00	.00	.00
19	.00	118	580	952	44	354	246	128	.00	.00	.00	.00
20	.00	125	503	846	41	325	239	99	.00	.00	.00	.00
21	.00	153	448	743	33	254	259	80	.00	.00	.00	.00
22	.00	120	402	638	27	226	221	61	.00	.00	.00	.00
23	.00	105	338	576	24	192	242	46	.00	.00	.00	.00
24	.00	90	282	466	22	162	220	34	.00	.00	.00	.00
25	.00	73	237	409	17	132	192	37	.00	.00	.00	.00
26	.00	60	200	342	24	130	168	24	.00	.00	.00	.00
27	.00	198	184	344	56	201	151	22	.00	.00	.00	.00
28	.00	305	167	356	65	203	120	26	.00	.00	.00	.00
29	.00	295	146	303	---	188	102	19	.00	.00	.00	.00
30	.00	263	127	274	---	177	96	11	.00	.00	.00	.00
31	.00	---	108	240	---	158	---	13	---	.00	.00	---
TOTAL	0.00	2188.00	15138	10474	2030	7125	6854	7517	393.70	0.00	0.00	0.00
MEAN	.000	72.9	488	338	72.5	230	228	242	13.1	.000	.000	.000
MAX	.00	305	1630	952	214	454	692	1040	46	.00	.00	.00
MIN	.00	.00	102	34	17	51	56	11	.00	.00	.00	.00
AC-FT	.00	4340	30030	20780	4030	14130	13590	14910	781	.00	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1995, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995
MEAN	.000	53.5	367	333	241	387	347
MAX	.000	248	840	836	426	620	642
(WY)	1990	1992	1992	1991	1990	1991	1990
MIN	.000	.000	.000	.000	72.5	166	40.7
(WY)	1990	1990	1990	1990	1995	1991	1992

SUMMARY STATISTICS

	FOR 1994 CALENDAR YEAR	FOR 1995 WATER YEAR	WATER YEARS 1989 - 1995
ANNUAL TOTAL	78513.67	51719.70	
ANNUAL MEAN	215	142	179
HIGHEST ANNUAL MEAN			207
LOWEST ANNUAL MEAN			142
HIGHEST DAILY MEAN	2020	1630	2970
LOWEST DAILY MEAN	.00 Jan 6	.00 Oct 1	.00 Mar 8 1990
ANNUAL SEVEN-DAY MINIMUM	.00 Aug 9	.00 Oct 1	.00 Aug 17 1989
INSTANTANEOUS PEAK FLOW		1830	3420
INSTANTANEOUS PEAK STAGE		91.67	92.49
INSTANTANEOUS LOW FLOW		.00 at times	.00 at times
ANNUAL RUNOFF (AC-FT)	155700	102600	129400
10 PERCENT EXCEEDS	655	434	535
50 PERCENT EXCEEDS	84	37	9.2
90 PERCENT EXCEEDS	.00	.00	.00

ARKANSAS RIVER BASIN

07263620 ARKANSAS RIVER AT DAVID D. TERRY LOCK AND DAM BELOW LITTLE ROCK

(National radiochemical station)

(National stream-quality accounting network)

LOCATION.--Lat 34°40'07", long 92°09'18", in sec.35, T.1 N., R.11 W., Pulaski County, Hydrologic Unit 11110207, at upper end of upstream wall at David D. Terry Lock and Dam, 10.7 mi downstream from Main Street bridge at Little Rock, and at mile 124.2.

DRAINAGE AREA.--158,288 mi², of which 22,241 mi² is probably noncontributing.

PERIOD OF RECORD.--October 1969 to current year.

INSTRUMENTATION.--Water-quality monitor October 1969 to September 1981.

REMARKS.--Discharge figures are for station 07263450, 16.8 mi upstream.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

		AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST- CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
DEC											
05...	1030	80513	80020	83200	425	7.3	12.0	24	12.6	117	K24
21...	1210	80513	80020	63300	307	7.5	8.5	22	9.2	78	140
FEB											
21...	1350	80513	80020	9020	318	7.3	9.0	6.5	10.0	87	59
APR											
20...	1415	80513	80020	87000	439	7.5	18.5	17	8.0	87	38
JUL											
31...	1015	80513	80020	39300	463	7.9	30.0	9.1	6.8	90	K62
AUG											
24...	0915	80513	80020	57500	537	8.0	30.0	28	5.9	78	K15
		STREP- TOCOC FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT DIS TOT FET FIELD MG/L AS CACO3 (00418)
DEC											
05...	1030	K48	100	34	30	6.7	40	45	2	3.2	68
21...	1210	120	72	22	20	5.3	28	45	1	2.5	52
FEB											
21...	1350	K4	90	11	26	6.0	27	39	1	2.4	78
APR											
20...	1415	140	99	29	28	7.0	45	49	2	3.2	69
JUL											
31...	1015	K1	110	24	34	7.0	43	44	2	3.7	88
AUG											
24...	0915	170	120	32	37	7.8	54	47	2	4.9	9
		CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)
DEC											
05...	1030	0	84	69	31	56	0.10	5.5	239	216	53700
21...	1210	0	61	50	23	41	<0.10	6.1	170	157	29100
FEB											
21...	1350	0	96	79	24	37	0.10	5.6	181	177	4410
APR											
20...	1415	0	85	70	32	66	0.10	3.9	235	229	55200
JUL											
31...	1015	0	110	90	33	62	0.20	7.0	261	245	27700
AUG											
24...	0915	0	113	92	35	76	0.20	8.2	303	282	47000
		SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)
DEC											
05...	1030	0.33	--	<0.010	0.350	0.350	0.020	0.38	0.40	0.080	0.040
21...	1210	0.23	0.190	0.010	0.200	0.200	0.040	0.26	0.30	0.070	0.070
FEB											
21...	1350	0.25	--	<0.010	0.410	0.410	0.030	0.37	0.40	0.040	0.020
APR											
20...	1415	0.32	--	<0.010	0.280	0.280	0.030	0.27	0.30	0.030	0.020
JUL											
31...	1015	0.35	--	<0.010	0.210	0.210	0.040	0.36	0.40	0.090	0.050
AUG											
24...	0915	0.41	--	<0.010	0.500	0.500	0.030	1.1	1.1	0.120	0.090
		PHOS- PHORUS ORTHOPHOS- PHATE DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LITHIUM, DIS- SOLVED (UG/L AS LI) (01130)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)
DEC											
05...	1030	0.030	160	60	<3	130	<4	4	<10	2	<1
21...	1210	0.040	--	--	--	--	--	--	--	--	--
FEB											
21...	1350	0.030	--	--	--	--	--	--	--	--	--
APR											
20...	1415	0.020	70	60	<3	110	<4	<1	<10	<1	<1
JUL											
31...	1015	0.040	30	73	<3	26	<4	2	<10	1	<1
AUG											
24...	0915	0.070	40	81	<3	29	<4	1	<10	2	<1

ARKANSAS RIVER BASIN

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07263620 ARKANSAS RIVER AT DAVID D. TERRY LOCK AND DAM BELOW LITTLE ROCK--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	URANIUM NATURAL DIS- SOLVED (UG/L AS U) (22703)	URANIUM 2 SIGMA WATER, DIS- SOLVED (UG/L) (75990)	RA-226 2 SIGMA WATER, DIS- SOLVED (PCI/L) (76001)	RADIUM 226, DIS- SOLVED, RADON METHOD (PCI/L) (09511)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
DEC 05...	1030	<1.0	200	<6	--	--	--	--	63	14200	80
21...	1210	--	--	--	0.37	<1.0	0.030	0.16	31	5300	97
FEB 21...	1350	--	--	--	0.37	0.1	0.020	0.13	12	292	77
APR 20...	1415	<1.0	220	<6	--	--	--	--	66	15500	97
JUL 31...	1015	<1.0	230	<6	--	--	--	--	57	6050	95
AUG 24...	0915	<1.0	280	<6	--	--	--	--	83	12900	95
DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAMPLE LOC- ATION, CROSS SECTION (FT FM L BANK) (00009)	SAM- PLING DEPTH (FEET) (00003)	DEPTH AT SAMPLE LOC- ATION, TOTAL (FEET) (81903)	DIS- CHARGE, INST. LOC- CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)
SEP 26.	1010	80513	80513	50.0	5.00	25.0	--	696	7.8	21.5	--
26.	1011	80513	80513	50.0	20.0	25.0	--	696	7.8	21.5	--
26.	1012	80513	80513	150	5.00	25.0	--	697	7.8	21.5	--
26.	1013	80513	80513	150	20.0	25.0	--	697	7.8	21.5	--
26.	1014	80513	80513	250	5.00	25.0	--	697	7.8	21.5	--
26.	1015	80513	80513	250	20.0	25.0	--	697	7.8	21.5	--
26.	1016	80513	80513	350	5.00	25.0	--	695	7.8	21.5	--
26.	1017	80513	80513	350	20.0	25.0	--	695	7.8	21.5	--
26.	1018	80513	80513	450	4.00	20.0	--	697	7.9	21.5	--
26.	1019	80513	80513	450	16.0	20.0	--	696	7.9	21.5	--
26.	1020	80513	80513	550	4.00	20.0	--	698	7.9	21.5	--
26.	1021	80513	80513	550	16.0	20.0	--	697	7.9	21.5	--
26.	1022	80513	80513	650	3.50	18.0	--	698	7.9	21.5	--
26.	1023	80513	80513	650	14.5	18.0	--	697	7.9	21.5	--
26.	1024	80513	80513	750	3.00	15.0	--	697	7.9	21.5	--
26.	1025	80513	80513	750	12.0	15.0	--	697	7.9	21.5	--
26.	1026	80513	80513	850	3.00	15.0	--	697	7.9	21.5	--
26.	1027	80513	80513	850	12.0	15.0	--	696	7.9	21.5	--
26.	1028	80513	80513	950	3.00	15.0	--	698	7.9	21.5	--
26.	1029	80513	80513	950	12.0	15.0	--	696	7.9	21.5	--
26.	1115	80513	80020	--	--	--	7040	680	7.9	21.5	13
DATE	TIME	OXYGEN, DIS- SOLVED (MG/L AS O) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
SEP 26.	1010	7.5	85	--	--	--	--	--	--	--	--
26.	1011	7.5	85	--	--	--	--	--	--	--	--
26.	1012	7.5	86	--	--	--	--	--	--	--	--
26.	1013	7.4	85	--	--	--	--	--	--	--	--
26.	1014	7.4	85	--	--	--	--	--	--	--	--
26.	1015	7.4	84	--	--	--	--	--	--	--	--
26.	1016	7.5	85	--	--	--	--	--	--	--	--
26.	1017	7.4	84	--	--	--	--	--	--	--	--
26.	1018	7.5	85	--	--	--	--	--	--	--	--
26.	1019	7.4	84	--	--	--	--	--	--	--	--
26.	1020	7.5	86	--	--	--	--	--	--	--	--
26.	1021	7.5	85	--	--	--	--	--	--	--	--
26.	1022	7.6	86	--	--	--	--	--	--	--	--
26.	1023	7.4	85	--	--	--	--	--	--	--	--
26.	1024	7.5	86	--	--	--	--	--	--	--	--
26.	1025	7.5	85	--	--	--	--	--	--	--	--
26.	1026	7.5	85	--	--	--	--	--	--	--	--
26.	1027	7.4	84	--	--	--	--	--	--	--	--
26.	1028	7.5	85	--	--	--	--	--	--	--	--
26.	1029	7.4	85	--	--	--	--	--	--	--	--
26.	1115	7.2	82	140	37	41	9.2	74	52	3	4.8
DATE	TIME	ALKA- LINITY WAT DIS TOT FET FIELD (MG/L AS CACO3) (00418)	CAR- BONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA- LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTIT- UENTS, DIS- SOLVED (MG/L) (70301)
SEP 26.	1115	103	0	126	104	49	110	0.20	7.2	373	359
DATE	TIME	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00605)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00607)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00625)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)
SEP 26.	1115	7090	0.51	<0.010	0.340	0.340	0.020	0.38	0.28	0.40	0.30
DATE	TIME	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHOPHOS- PHATE (MG/L AS P) (00671)	ALUM- INIUM, DIS- SOLVED (UG/L AS AL) (01106)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BARIUM DIS- SOLVED (UG/L AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)
SEP 26.	1115	0.100	0.080	0.060	<10	2	81	<0.5	1.0	<5	4

ARKANSAS RIVER BASIN

07263620 ARKANSAS RIVER AT DAVID D. TERRY LOCK AND DAM BELOW LITTLE ROCK--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
SEP	26. 1115	2	<3	<1	5	1	<10	1	<2	<1.0	270
DATE	TIME	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON ORGANIC SUS- PENDED TOTAL (MG/L AS C) (00689)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. & FINER THAN 0.062 MM (70331)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	DEETHYL ZINE, WATER, DISS, REC (UG/L) (04040)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)
SEP	26. 1115	<6	<3	3.9	0.4	56	1060	92	0.01	E0.02	0.56
DATE	TIME	METHYL AZIN- PHOS WAT FLT 0.7 U GF REC (UG/L) (82686)	BEN- FLUR- ALIN WAT FLT 0.7 U GF REC (UG/L) (82673)	BUTYL- ATE WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER FLTRD 0.7 U GF REC (UG/L) (82680)	CARBO- FURAN WATER FLTRD 0.7 U GF REC (UG/L) (82674)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF REC (UG/L) (82682)	P, P' DDE DISSOLV (UG/L) (34653)	DI- AZINON, DIS- SOLVED (UG/L) (39572)
SEP	26. 1115	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.01	<0.00
DATE	TIME	DIAZ- INON DIO SRG WAT FLT 0.7 U GF REC PERCENT (91063)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF REC (UG/L) (82660)	DISUL- FOTON WATER FLTRD 0.7 U GF REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF REC (UG/L) (82668)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF REC (UG/L) (82663)	ETHO- PROP WATER FLTRD 0.7 U GF REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	HCH ALPHA D6 SRG WAT FLT 0.7 U GF REC PERCENT (91065)
SEP	26. 1115	90	<0.00	<0.00	<0.02	<0.00	<0.00	<0.00	<0.00	<0.00	80
DATE	TIME	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER FLTRD 0.7 U GF REC (UG/L) (82666)	MALA- THION, DIS- SOLVED (UG/L) (39532)	METHYL PARA- THION WAT FLT 0.7 U GF REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD 0.7 U GF REC (UG/L) (82671)	NAPROP- AMIDE WATER FLTRD 0.7 U GF REC (UG/L) (82684)	PARA- THION, DIS- SOLVED (UG/L) (39542)	
SEP	26. 1115	<0.00	<0.00	<0.00	<0.01	0.09	<0.00	<0.00	<0.00	<0.00	
DATE	TIME	PEB- ULATE WATER FLTRD 0.7 U GF REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT 0.7 U GF REC (UG/L) (82683)	PER- METHRIN CIS WAT FLT 0.7 U GF REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF REC (UG/L) (82664)	PRON- AMIDE WATER FLTRD 0.7 U GF REC (UG/L) (82676)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER FLTRD 0.7 U GF REC (UG/L) (82679)	PRO- PARGITE WATER FLTRD 0.7 U GF REC (UG/L) (82685)	
SEP	26. 1115	<0.00	<0.00	<0.00	<0.00	<0.00	E0.01	<0.01	<0.00	<0.01	
DATE	TIME	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	THIO- BENCARB WATER FLTRD 0.7 U GF REC (UG/L) (82681)	TEBU- THIURON WATER FLTRD 0.7 U GF REC (UG/L) (82670)	TER- BACIL WATER FLTRD 0.7 U GF REC (UG/L) (82665)	TER- BUFOS WATER FLTRD 0.7 U GF REC (UG/L) (82675)	TERBUTH YLAZINE SURROGT WAT FLT 0.7 U PERCENT (91064)	TRIAL- LATE WATER FLTRD 0.7 U GF REC (UG/L) (82678)	TRI- FLUR- ALIN WAT FLT 0.7 U GF REC (UG/L) (82661)	ACETO- CHLOR, WATER, FLTRD REC (UG/L) (49260)	
SEP	26. 1115	0.01	<0.00	E0.02	<0.01	<0.01	100	<0.00	<0.00	<0.002	

ARKANSAS RIVER BASIN

289

07264000 BAYOU METO NEAR LONOKE

LOCATION.--Lat 34°44'10", long 91°54'58", in SW 1/4 sec.6, T.1 N., R.8 W., Lonoke County, Hydrologic Unit 08020402, near left bank on downstream side of bridge on State Highway 31, 3.0 mi upstream from Brushy Slough, 3.5 mi south of Lonoke, and at mile 106.4.

DRAINAGE AREA.--207 mi².

PERIOD OF RECORD.--October 1954 to current year. Gage-height records and results of discharge measurements since June 1948 at site 4.8 mi upstream are contained in reports of U.S. Army Corps of Engineers, Vicksburg District; published as "Big Bayou Meto near Lonoke".

REVISED RECORDS.--WRD Ark. 1970: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 199.11 ft above sea level. Prior to Feb. 10, 1955, water-stage recorder at site 4.8 mi upstream at datum 6.97 ft higher. Feb. 10 to June 29, 1955 nonrecording gage at present site and datum.

REMARKS.--Records good, except for estimated daily discharges which are fair. Part of low flow is drainage from areas irrigated with ground water and from large minnow farm supplied with ground water.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	17	244	122	313	392	420	207	66	21	30	.45
2	9.4	15	187	111	265	447	286	358	43	42	21	.48
3	7.3	17	142	102	244	411	205	435	35	58	15	.42
4	6.6	21	113	97	219	324	170	442	45	48	10	1.7
5	6.2	26	96	87	194	256	140	365	48	121	5.9	6.3
6	7.3	98	83	118	168	220	135	275	35	199	3.5	3.2
7	8.6	322	79	163	153	324	129	214	25	230	3.8	5.0
8	10	493	83	206	125	517	122	221	20	215	6.1	8.8
9	10	606	169	250	109	613	114	289	e18	151	4.2	11
10	23	671	555	248	98	672	106	388	e16	91	5.3	12
11	53	629	773	220	98	680	458	466	e13	58	18	13
12	59	580	920	190	83	619	733	446	e11	39	13	12
13	43	528	1070	174	76	491	827	343	e10	26	4.0	10
14	33	436	1190	161	80	355	920	244	e8.5	20	2.8	11
15	31	325	1260	157	135	287	1020	180	e8.0	15	4.4	16
16	28	262	1240	171	209	313	1080	e150	e7.5	9.8	6.9	17
17	24	261	1160	173	322	397	1020	e115	e7.0	15	3.0	16
18	20	284	1030	431	360	428	870	e95	e6.5	17	2.3	12
19	18	269	919	764	316	394	654	e75	e6.3	6.6	2.3	9.7
20	17	223	822	899	259	329	479	e65	e6.1	5.3	4.7	9.8
21	16	184	708	987	213	272	402	e55	10	11	13	10
22	15	159	573	1090	183	227	436	e50	6.6	6.0	11	8.9
23	16	171	457	1150	168	198	468	41	10	2.4	4.1	8.9
24	21	178	366	1140	145	166	424	34	31	9.7	1.6	8.2
25	24	155	297	1060	122	143	353	27	50	42	1.8	6.7
26	24	125	247	908	115	125	303	20	49	136	7.8	7.4
27	27	105	207	733	188	167	256	19	33	240	1.2	7.4
28	30	102	179	570	284	345	212	22	23	177	2.8	6.7
29	28	200	161	468	---	505	173	33	22	103	5.0	8.2
30	24	269	147	421	---	577	146	78	21	66	3.2	5.7
31	20	---	134	368	---	541	---	91	---	42	1.5	---
TOTAL	672.4	7731	15611	13739	5244	11735	13061	5843	690.5	2222.8	219.2	253.95
MEAN	21.7	258	504	443	187	379	435	188	23.0	71.7	7.07	8.46
MAX	59	671	1260	1150	360	680	1080	466	66	240	30	17
MIN	6.2	15	79	87	76	125	106	19	6.1	2.4	1.2	.42
AC-FT	1330	15330	30960	27250	10400	23280	25910	11590	1370	4410	435	504

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1955 - 1995, BY WATER YEAR (WY)

	MEAN	63.5	250	471	427	512	544	520	463	165	59.5	50.0	71.7
MAX	775	1394	1451	1515	1680	1253	1517	1698	1191	482	402	391	391
(WY)	1985	1958	1974	1991	1956	1990	1973	1968	1974	1960	1966	1978	1978
MIN	2.28	.83	2.87	25.9	65.2	166	64.5	23.6	2.28	1.28	1.77	2.84	2.84
(WY)	1957	1955	1955	1955	1972	1972	1960	1988	1988	1980	1980	1993	1993

SUMMARY STATISTICS

	FOR 1994 CALENDAR YEAR	FOR 1995 WATER YEAR	WATER YEARS 1955 - 1995
ANNUAL TOTAL	115842.4	77022.85	299
ANNUAL MEAN	317	211	550
HIGHEST ANNUAL MEAN			95.2
LOWEST ANNUAL MEAN			5570
HIGHEST DAILY MEAN	1450	Dec 15	Dec 29 1987
LOWEST DAILY MEAN	6.2	Oct 5	Oct 10 1954
ANNUAL SEVEN-DAY MINIMUM	7.9	Oct 2	Oct 18 1954
INSTANTANEOUS PEAK FLOW		1260	Dec 29 1987
INSTANTANEOUS PEAK STAGE		1.42	Dec 29 1987
INSTANTANEOUS LOW FLOW		18.97	at times
ANNUAL RUNOFF (AC-FT)	229800	152800	216400
10 PERCENT EXCEEDS	1000	578	891
50 PERCENT EXCEEDS	155	113	87
90 PERCENT EXCEEDS	18	6.6	6.9

^eEstimated

RED RIVER BASIN

07337000 RED RIVER AT INDEX
(National stream-quality accounting network station)

LOCATION.--Lat 33°33'07", long 94°02'28", in NW¼SW¼ sec.7, T.14 S., R.28 W., Miller County, Hydrologic Unit 11140106, near right bank on downstream side of southbound bridge on U.S. Highway 71 at Index, 2.2 mi south of Ogden, 20.6 mi upstream from Little River, and at mile 485.3.

DRAINAGE AREA.--48,030 mi², of which 5,936 mi² is probably noncontributing.

PERIOD OF RECORD.--July 1936 to current year. Gage-height records collected at same site since 1917 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 1211: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 246.87 ft above sea level. Prior to Dec. 12, 1939, nonrecording gage, and Dec. 12, 1939, to July 19, 1979, water-stage recorder, at site 500 ft downstream at present datum.

REMARKS.--Records good, except for estimated daily discharges which are fair. Some regulation since Oct. 31, 1943, by Lake Texoma (Texas), 241 mi upstream, capacity, 5,392,900 acre-ft, since Sept. 28, 1967, by Pat Mayse Lake (Texas), capacity, 352,700 acre-ft, and since Jan. 18, 1974, by Hugo Lake (Oklahoma) capacity, 966,700 acre-ft. Satellite telemeter at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2390	4930	27900	14800	23700	6190	22900	18300	44500	59400	9580	8210
2	3120	4680	e25000	13700	22300	6410	19900	17100	47100	56800	9440	8100
3	4190	4690	e22000	13200	19500	6740	18100	20100	51400	53400	9220	8000
4	4710	e5200	e19000	10900	15900	7040	16900	30700	51700	50100	9810	7830
5	4800	e9400	e17000	10100	14500	7550	17600	36100	52500	49700	10500	7750
6	4830	e14000	15700	10200	14000	6940	29900	37000	52900	50000	12200	7710
7	4480	e18000	13900	10400	13500	6310	36700	40200	48900	49800	24000	7610
8	4500	e22000	12700	10700	12300	6780	33900	43800	48700	47900	34200	7590
9	4110	22200	12800	10300	11000	7510	29200	66100	51900	42500	36300	7600
10	3890	21700	16900	8830	10600	8440	e27000	88100	56900	36900	e38000	7650
11	3370	20400	25000	7540	10800	13500	e29000	84000	59400	31700	37800	7670
12	3170	19300	32000	7430	10800	16600	e31000	56900	61100	27700	37800	7630
13	3200	22500	31700	8910	10200	13000	e32000	42200	61700	24500	37600	7360
14	3030	24500	29700	16800	9650	9530	32400	34300	59200	19600	37800	6850
15	2740	20900	30700	26800	8810	10300	30900	35900	58800	16200	38200	6830
16	2550	30200	34800	26600	8740	30900	27600	46400	61100	14600	36700	7060
17	2540	46300	36500	24600	8940	35000	25600	49500	62600	13200	30600	7340
18	2530	40800	35100	24500	8160	36200	24800	46500	62500	11600	25100	7320
19	2340	38000	33900	25700	7480	37100	22700	43200	61800	10400	21500	7470
20	2250	34700	30300	26400	6160	37400	22400	41300	61600	9600	19100	7690
21	2460	33600	26800	27600	6050	36300	25200	37900	61000	9410	17500	8400
22	2770	33000	26200	28000	5480	34300	27100	36000	60600	9510	17000	12200
23	4060	35100	25600	25400	5170	31700	33300	e34000	59900	9580	16600	18000
24	8850	37800	24000	21600	4840	27700	35300	e32000	58800	9800	16200	17400
25	13500	39400	20600	19500	4830	23300	32600	e29000	58700	9840	15000	14200
26	11100	38000	17900	19900	4750	20100	28600	e25000	58500	8350	13800	12200
27	7950	36100	16700	21800	5020	19300	25900	e25000	58300	6950	12700	11400
28	6390	34600	16000	24600	5430	23600	23300	e28000	58700	e6700	11500	11100
29	6910	33900	18400	26600	---	32400	21100	e32000	60000	e7700	10600	11200
30	7430	32100	21800	26900	---	31300	19900	e37000	60300	8670	8970	13400
31	6150	---	19100	25800	---	26800	---	e40000	---	9680	8430	---
TOTAL	146310	778000	735900	576110	288610	616240	802800	1233600	1711100	771790	663750	280770
MEAN	4720	25930	23740	18580	10310	19880	26760	39790	57040	24900	21410	9359
MAX	13500	46300	36500	28000	23700	37400	36700	88100	62600	59400	38200	18000
MIN	2250	4680	12800	7430	4750	6190	16900	17100	44500	6700	8430	6830
AC-FT	290200	1543000	1460000	1143000	572500	1222000	1592000	2447000	3394000	1531000	1317000	556900

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 1995, BY WATER YEAR (WY)

	MEAN	MAX	(WY)	MIN	(WY)
1944	8214	41690	1946	716	1957
1945	10580	47140	1975	642	1957
1946	11690	47910	1992	1206	1957
1947	10580	52290	1992	1360	1964
1948	13860	38960	1946	2127	1964
1949	16550	67730	1945	2233	1967
1950	17130	61460	1990	2096	1956
1951	24780	121000	1990	4199	1972
1952	23220	94400	1957	3098	1988
1953	10070	33990	1989	1162	1944
1954	5807	39230	1950	1025	1944
1955	5876	30340	1950	909	1944

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1944 - 1995

ANNUAL TOTAL	5681630	8604980	a13180
ANNUAL MEAN	15570	23580	30420
HIGHEST ANNUAL MEAN			4383
LOWEST ANNUAL MEAN			1990
HIGHEST DAILY MEAN	48500	May 6	268000
LOWEST DAILY MEAN	2250	Oct 20	384
ANNUAL SEVEN-DAY MINIMUM	2490	Oct 15	397
INSTANTANEOUS PEAK FLOW			b270000
INSTANTANEOUS PEAK STAGE			c32.30
INSTANTANEOUS LOW FLOW			378
ANNUAL RUNOFF (AC-FT)	11270000	17070000	9549000
10 PERCENT EXCEEDS	38400	49700	35500
50 PERCENT EXCEEDS	9200	20100	5880
90 PERCENT EXCEEDS	4160	6160	2260

aPrior to regulation, water years 1937-43, 11,970 ft³/s

bMaximum discharge for period of record, 297,000 ft³/s Feb. 22, 1938

cMaximum gage height for period of record, 34.25 ft Feb. 22, 1938 from graph based on gage readings

eEstimated

RED RIVER BASIN

291

07339430 DEQUEEN LAKE AT ROBINSON CREEK NEAR GILLHAM

LOCATION.--Lat 34°09'49" long 94°24'18", in NE1/4NE1/4, sec.16, T.7 S., R.32 W., Sevier County, Hydrologic Unit 11140109, on DeQueen Lake, 4.7 mi west of Gillham.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
18.	1331	80513	80513	0.0	18.0	38	6.4	743	11.0	10.8
18.	1332	80513	80020	3.00	18.0	29	6.4	743	10.0	10.9
18.	1333	80513	81213	9.00	18.0	24	6.3	743	9.5	10.9
MAY										
24.	0910	80513	80513	0.0	6.0	43	7.3	752	26.0	9.5
24.	0911	80513	81213	3.00	6.0	43	7.1	752	26.0	9.2
AUG										
30.	0907	80513	80513	0.0	6.0	56	6.9	753	30.0	6.4
30.	0908	80513	81213	3.00	6.0	56	6.8	753	30.0	6.4
DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
18.	1331	100	0.94	130	--	--	--	--	--	--
18.	1332	100	--	--	--	--	--	--	--	--
18.	1333	98	--	--	10	6.9	2.5	7	1.6	0.80
MAY										
24.	0910	119	0.98	K1	--	--	--	--	--	--
24.	0911	115	--	--	<5	2.2	4.2	--	--	--
AUG										
30.	0907	86	1.40	K1	--	--	--	--	--	--
30.	0908	86	--	--	10	2.7	2.5	--	--	--
DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
18.	1333	2.3	38	0.4	0.80	9	3.4	1.6	16	0.02
DATE	TIME	NITRO- GEN NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)
JAN										
18.	1332	--	--	--	<0.20	<0.020	0.030	0.700	<0.100	--
18.	1333	0.010	0.240	0.010	--	--	--	--	--	120
MAY										
24.	0911	<0.010	<0.020	--	--	0.150	0.090	19.0	3.00	60
AUG										
30.	0908	0.010	0.020	--	--	0.110	0.040	21.0	--	30
DATE	TIME	ARSENIC TOTAL (UG/L AS AS) (01002)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
JAN										
18.	1333	<1	<1	1	150	<1	5	<0.10	<1	6
MAY										
24.	0911	<1	<1	<1	250	<1	42	<0.10	1	<4
AUG										
30.	0908	<1	<1	<1	180	<1	42	0.20	<1	20

RED RIVER BASIN

07339440 DEQUEEN LAKE AT BELLAH CREEK NEAR KELLUM

LOCATION.--Lat 34°07'07" long 94°23'10", in SW1/4NE1/4, sec.27, T.7 S., R.32 W., Sevier County, Hydrologic Unit 11140109, on DeQueen Lake, 2.3 mi northeast of Kellum.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
18...	1354	80513	80513	0.0	60.0	28	6.2	742	10.0	10.9
18...	1355	80513	80020	3.00	60.0	29	6.2	742	10.0	10.7
18...	1356	80513	81213	30.0	60.0	30	6.1	742	9.5	10.4
MAY										
24...	0847	80513	80513	0.0	50.0	33	7.2	752	25.5	8.7
24...	0848	80513	81213	3.00	50.0	33	7.1	752	25.5	8.6
24...	0849	80513	81213	25.0	50.0	32	5.8	752	18.5	4.4
AUG										
30...	0841	80513	80513	0.0	50.0	38	7.2	753	30.0	7.2
30...	0843	80513	81213	3.00	50.0	38	7.3	753	30.0	7.3
30...	0844	80513	81213	10.0	50.0	73	6.9	753	30.0	6.7
30...	0846	80513	81213	40.0	50.0	73	6.3	753	19.0	0.2
DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED AS CA (00915)	MAGNE- SIUM, DIS- SOLVED AS MG (00925)
JAN										
18...	1354	100	0.67	K220	--	--	--	--	--	--
18...	1355	98	--	--	--	--	--	--	--	--
18...	1356	93	--	--	20	16	<2.0	8	1.7	0.90
MAY										
24...	0847	108	1.20	K4	--	--	--	--	--	--
24...	0848	106	--	--	--	--	--	--	--	--
24...	0849	48	--	--	10	4.6	<2.0	--	--	--
AUG										
30...	0841	96	2.20	K3	--	--	--	--	--	--
30...	0843	98	--	--	--	--	--	--	--	--
30...	0844	89	--	--	8	1.6	--	--	--	--
30...	0846	2	--	--	140	3.7	2.5	--	--	--
DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
18...	1356	2.3	35	0.4	1.0	8	3.4	1.7	16	0.02
DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)
JAN										
18...	1355	--	--	--	--	--	--	--	3.70	0.200
18...	1356	<0.010	0.230	0.030	0.26	0.29	0.040	0.020	--	--
MAY										
24...	0848	--	--	--	--	--	--	--	8.00	1.00
24...	0849	<0.010	0.050	--	--	--	0.020	0.010	--	--
AUG										
30...	0843	--	--	--	--	--	--	--	12.0	--
30...	0844	0.010	0.020	--	--	--	0.020	0.010	--	--
30...	0846	0.010	0.020	--	--	--	0.300	0.330	--	--

RED RIVER BASIN

293

07339450 DEQUEEN LAKE NEAR DEQUEEN

LOCATION.--Lat 34°05'53" long 94°22'51", in SW1/4NW1/4, sec.2, T.8 S., R.32 W., Sevier County, Hydrologic Unit 11140109, at DeQueen Dam, about 4.2 mi northwest of DeQueen, and at mile 22.8.

DRAINAGE AREA.--169 mi².

PERIOD OF RECORD.--April 1981 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
18.	1304	80513	80513	0.0	75.0	31	6.3	744	10.0	11.1	100
18.	1305	80513	80020	3.00	75.0	31	6.3	744	10.0	11.0	99
18.	1306	80513	81213	38.0	75.0	32	6.3	744	9.5	10.6	95
MAY											
24.	0824	80513	80513	0.0	70.0	32	6.9	752	24.5	8.8	108
24.	0825	80513	81213	3.00	70.0	32	6.9	752	24.5	8.7	106
24.	0826	80513	81213	35.0	70.0	35	5.8	752	18.0	4.8	51
AUG											
30.	0817	80513	80513	0.0	65.0	37	8.0	753	30.0	7.7	103
30.	0818	80513	81213	3.00	65.0	37	8.0	753	30.0	7.7	103
30.	0820	80513	81213	13.0	65.0	37	6.8	753	29.5	6.6	87
30.	0823	80513	81213	52.0	65.0	66	6.2	753	18.5	0.1	1

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
JAN										
18.	1304	0.67	150	--	--	--	8	1.9	0.90	2.6
18.	1306	--	--	20	12	<2.0	--	--	--	--
MAY										
24.	0824	1.40	K2	--	--	--	--	--	--	--
24.	0826	--	--	10	1.4	<2.0	--	--	--	--
AUG										
30.	0817	2.30	--	--	--	--	--	--	--	--
30.	0820	--	--	10	1.1	<2.0	--	--	--	--
30.	0823	--	--	140	4.2	2.3	--	--	--	--

DATE	TIME	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)
JAN										
18.	1306	37	0.4	1.0	9	3.4	1.9	17	0.01	0.010
MAY										
24.	0826	--	--	--	--	--	--	--	--	<0.010
AUG										
30.	0820	--	--	--	--	--	--	--	--	0.010
30.	0823	--	--	--	--	--	--	--	--	0.010

DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)
JAN										
18.	1305	--	--	--	--	--	--	3.60	0.300	--
18.	1306	0.220	0.030	0.27	0.30	0.050	0.020	--	--	150
MAY										
24.	0825	--	--	--	--	--	--	5.00	2.00	--
24.	0826	0.070	--	--	--	0.090	0.010	--	--	100
AUG										
30.	0818	--	--	--	--	--	--	10.0	--	--
30.	0820	0.020	--	--	--	0.020	0.010	--	--	20
30.	0823	0.020	--	--	--	0.300	0.270	--	--	70

DATE	TIME	ARSENIC TOTAL (UG/L AS AS) (01002)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
JAN										
18.	1306	<1	<1	2	280	<1	18	<0.10	1	5
MAY										
24.	0826	<1	<1	<1	200	<1	40	<0.10	1	<4
AUG										
30.	0820	<1	<1	<1	40	<1	17	<0.10	<1	40
30.	0823	4	<1	<1	5000	<1	770	0.20	<1	7

RED RIVER BASIN

07339452 ROLLING FORK BELOW DEQUEEN LAKE NEAR DEQUEEN

LOCATION.--Lat 34°05'51" long 94°22'50", in SW1/4NW1/4, sec.2, T.8 S., R.32 W., Sevier County, Hydrologic Unit 11140109, at DeQueen Dam on Rolling Fork, 4.2 mi northwest of DeQueen, and at mile 22.8.

DRAINAGE AREA.--169 mi².

PERIOD OF RECORD.--April 1981 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	BAROMETRIC PRESSURE (MM OF HG) (00025)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PERCENT SATURATION) (00301)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)
JAN 18...	1235	80513	81213	29	6.2	746	10.0	12.0	109	540
MAY 24...	0744	80513	81213	32	5.8	753	22.5	7.5	88	K3
AUG 30...	0745	80513	81213	39	6.4	753	28.5	5.8	76	>170

DATE	TIME	COLOR (PLATINUM-COBALT UNITS) (00080)	TURBIDITY (NTU) (00076)	OXYGEN DEMAND, BIO-CHEMICAL, 5 DAY (MG/L) (00310)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
JAN 18...	1235	20	12	<2.0	8	1.9	0.90	2.6	37
MAY 24...	0744	5	2.8	2.1	8	1.9	0.90	2.9	40
AUG 30...	0745	10	2.2	2.0	10	2.2	1.0	3.0	37

DATE	TIME	SODIUM ADSORPTION RATIO (00931)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKALINITY, WATER TOTAL FIELD (MG/L AS CACO3) (00410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)
JAN 18...	1235	0.4	1.0	10	3.4	1.9	18	0.02	<0.010
MAY 24...	0744	0.4	0.90	--	3.2	1.8	--	--	<0.010
AUG 30...	0745	0.4	1.2	--	2.9	2.1	--	--	0.010

DATE	TIME	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	ALUMINUM, TOTAL RECOVERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)
JAN 18...	1235	0.210	0.050	0.23	0.28	<0.020	0.010	130	<1
MAY 24...	0744	<0.020	0.070	0.27	0.34	<0.020	0.010	70	<1
AUG 30...	0745	0.030	0.190	0.39	0.58	0.060	0.020	30	<1

DATE	TIME	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)
JAN 18...	1235	<1	1	310	<1	24	<0.10	<1	<4
MAY 24...	0744	<1	<1	220	<1	54	<0.10	<1	<4
AUG 30...	0745	<1	<1	720	<1	120	0.20	<1	10

07340000 LITTLE RIVER NEAR HORATIO

LOCATION.--Lat 33°55'10", long 94°23'15", in NE1/4 sec.10, T.10 S., R.32 W., Sevier County, Hydrologic Unit 11140109, near left bank on downstream side of bridge on State Highway 41, 0.9 mi downstream from Rolling Fork, 2.0 mi southwest of Horatio, 28.5 mi upstream from Cossatot River, and at mile 72.0.

DRAINAGE AREA.--2,662 mi².

PERIOD OF RECORD.--October 1930 to current year. Monthly discharge only for some periods, published in WSP 1311.

REVISED RECORDS.--WSP 858: 1932, 1935-36. WSP 1211: 1931, drainage area. WSP 1561: 1932. WRD Ark. 1978: drainage area.

GAGE.--Water-stage recorder. Datum of gage is 272.89 ft above sea level. Prior to Feb. 5, 1935, nonrecording gage, and Feb. 5, 1934, to Sept. 13, 1961, water-stage recorder, at site 50 ft upstream at present datum.

REMARKS.--No estimated daily discharges. Records good. Some regulation since Oct. 3, 1968, by Broken Bow Lake (Oklahoma), 31.4 mi upstream, capacity, 1,368,000 acre-ft, and since June 1, 1969, by Pine Creek Lake (Oklahoma), 73.3 mi upstream, capacity, 465,800 acre-ft. Satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in August 1915, reached a stage of 38.0 ft, discharge, 124,000 ft³/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	843	459	2490	1700	12800	3670	2610	1330	3370	785	571	1230
2	588	435	2180	1750	9750	2790	2560	3900	3310	659	749	1070
3	372	428	2000	1560	9540	2280	2550	6470	7530	490	860	923
4	658	521	1260	2060	8100	1770	2890	7790	5440	489	806	728
5	536	5950	1060	2410	5720	1320	5710	6320	3370	822	795	672
6	420	11800	1500	2380	5390	1270	6840	5330	4890	738	687	605
7	332	9910	1090	2620	4860	2680	6520	10300	6290	759	679	687
8	628	8120	1310	2390	4540	5440	6710	15200	5460	719	993	774
9	573	8250	4890	2170	2840	6150	6090	22000	3330	650	954	538
10	679	10200	10800	2460	2840	4990	5650	19400	2280	496	946	450
11	891	11400	12100	3260	2370	3650	12700	15000	1490	640	858	311
12	568	11600	8100	3200	1370	2160	13400	12500	2330	832	875	421
13	426	10900	9150	8370	1080	1750	8100	11100	3290	704	774	378
14	411	10600	12400	17600	2300	2160	7700	10200	4780	1110	585	600
15	498	9900	13700	16800	1640	4180	6780	10700	4950	1650	562	868
16	523	9410	11100	12600	1580	6930	6210	11600	3720	925	844	589
17	512	9490	11300	9480	1650	6170	5990	12200	2360	457	1230	559
18	517	9840	14300	12200	1230	5290	5210	12400	1440	578	1760	488
19	441	9660	14200	12200	925	4080	4670	11700	764	748	2580	628
20	545	9510	13600	10900	768	3970	5610	10500	697	938	870	581
21	1410	9980	14200	13600	760	3640	6670	9330	821	966	499	731
22	4140	9100	14600	14500	715	3360	7190	8690	749	1030	561	699
23	2400	9410	13800	14700	1290	3150	6930	7900	1140	790	590	957
24	1490	8990	10600	14600	859	2270	6670	6790	944	463	593	1030
25	1250	6930	6470	14400	1190	2700	5170	5880	681	846	601	850
26	1110	4190	5440	14300	852	1020	5330	5140	456	924	1300	920
27	1340	1760	5350	14200	1390	1420	4750	4040	582	1020	733	795
28	913	1090	5020	12200	3170	4260	2870	2420	446	744	504	1020
29	766	1490	4740	11300	---	4580	2550	1850	467	714	1310	964
30	628	2460	3400	12500	---	4400	1780	2490	503	661	1150	480
31	514	---	2130	14100	---	3320	---	3130	---	472	1110	---
TOTAL	26922	213783	234280	278510	91519	106820	174410	273600	77880	23819	27929	21546
MEAN	868	7126	7557	8984	3269	3446	5814	8826	2596	768	901	718
MAX	4140	11800	14600	17600	12800	6930	13400	22000	7530	1650	2580	1230
MIN	332	428	1060	1560	715	1020	1780	1330	446	457	499	311
AC-FT	53400	424000	464700	552400	181500	211900	345900	542700	154500	47240	55400	42740

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1969 - 1995, BY WATER YEAR (WY)

	MEAN	2096	4440	6375	4772	5637	6798	5802	6690	4538	1590	1127	1399
MAX	9360	15960	17120	11440	12390	14880	16250	16790	14180	8397	3542	10430	
(WY)	1985	1975	1972	1993	1989	1973	1973	1990	1990	1983	1992	1974	
MIN	281	251	244	493	670	1125	1449	530	346	281	411	303	
(WY)	1989	1990	1990	1981	1976	1986	1981	1988	1988	1972	1977	1977	

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1969 - 1995

ANNUAL TOTAL	1622372	1551018	
ANNUAL MEAN	4445	4249	
HIGHEST ANNUAL MEAN			^a 4264
LOWEST ANNUAL MEAN			7523
HIGHEST DAILY MEAN	22700	Jan 27	1547
LOWEST DAILY MEAN	332	Oct 7	57700
ANNUAL SEVEN-DAY MINIMUM	475	Oct 13	121
INSTANTANEOUS PEAK FLOW			152
INSTANTANEOUS PEAK STAGE			^c 65100
ANNUAL RUNOFF (AC-FT)	3218000	3076000	^d 32.84
10 PERCENT EXCEEDS	11700	12500	
50 PERCENT EXCEEDS	2160	1860	
90 PERCENT EXCEEDS	587	553	355

^aPrior to regulation, water years 1931-68, 3.742 ft³/s.

^bMinimum discharge for period of record, 1.0 ft³/s Aug. 18 to Sept. 1, 1934.

^cMaximum discharge for period of record, 120,000 ft³/s Mar. 30, 1945, from rating curve extended above 93,000 ft³/s.

^dMaximum gage height for period of record, 37.70 ft Mar. 30, 1945.

RED RIVER BASIN

07340300 COSSATOT RIVER NEAR VANDERVOORT
(Hydrologic bench-mark station)

LOCATION.--Lat 34°22'46", long 94°14'08", in SE1/4NE1/4 sec.30, T.4 S., R.30 W., Polk County, Hydrologic Unit 11140109, on right bank 200 ft upstream from bridge on State Highway 246, 0.3 mi downstream from Brushy Creek, 3.2 mi upstream from Flat Creek, and 7.5 mi east of Vandervoort.

DRAINAGE AREA.--89.6 mi².

WATER-DISCHARGE RECORDS

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

REVISED RECORDS.--WRD Ark. 1978: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 771.88 ft above sea level.

REMARKS.--No estimated daily discharges. Water-discharge records good. Satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 6, 1961, reached a stage of about 23.0 ft from information by local resident, discharge, about 48,000 ft³/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	26	66	103	180	244	114	936	164	158	34	12
2	13	25	62	91	154	195	105	548	197	67	28	13
3	13	27	62	89	133	160	100	327	232	51	25	13
4	12	72	60	86	114	138	925	233	157	47	22	13
5	12	2190	58	79	102	127	520	168	111	3620	20	13
6	12	469	55	105	94	116	360	288	166	482	21	13
7	12	224	53	196	89	566	253	681	94	219	49	13
8	49	145	458	186	82	511	201	4040	74	132	28	13
9	50	798	1870	162	75	340	166	1120	62	91	23	12
10	31	763	1230	141	75	252	711	495	154	69	21	12
11	25	353	627	129	75	201	3740	300	341	56	19	12
12	25	222	382	119	72	164	929	209	219	47	17	17
13	26	160	259	2230	67	153	460	168	140	41	17	31
14	25	127	212	1330	64	280	305	134	98	36	16	19
15	24	120	179	643	81	345	225	107	76	33	16	17
16	27	113	626	405	92	370	179	93	62	30	17	21
17	31	103	561	299	90	310	157	84	53	34	16	64
18	42	94	355	341	84	250	178	82	46	42	15	30
19	49	84	256	595	82	208	156	69	42	32	16	28
20	39	82	248	450	79	177	155	62	40	28	16	61
21	43	144	399	328	75	148	142	57	37	46	15	35
22	62	136	316	260	70	130	123	55	42	49	14	27
23	45	115	243	208	69	115	116	51	53	34	14	23
24	36	101	194	188	66	102	104	48	42	32	13	20
25	34	92	158	178	60	93	92	60	38	32	12	19
26	35	86	132	179	155	95	84	52	35	31	13	19
27	33	91	113	513	447	311	87	51	35	31	14	18
28	30	84	101	472	344	216	76	75	60	26	13	17
29	29	76	113	339	---	173	82	58	40	24	13	17
30	28	72	112	259	---	148	131	53	44	21	12	16
31	27	---	108	210	---	132	---	77	---	21	12	---
TOTAL	932	7194	9668	10913	3170	6770	10976	10781	2954	5662	581	638
MEAN	30.1	240	312	352	113	218	366	348	98.5	183	18.7	21.3
MAX	62	2190	1870	2230	447	566	3740	4040	341	3620	49	64
MIN	12	25	53	79	60	93	76	48	35	21	12	12
AC-FT	1850	14270	19180	21650	6290	13430	21770	21380	5860	11230	1150	1270
CFSM	.34	2.68	3.48	3.93	1.26	2.44	4.08	3.88	1.10	2.04	.21	.24
IN.	.39	2.99	4.01	4.53	1.32	2.81	4.56	4.48	1.23	2.35	.24	.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1995, BY WATER YEAR (WY)

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
MEAN	131	222	331	235	239	371	292	269	149	92.3	29.5	58.2																	
MAX	899	545	1105	624	463	860	799	827	426	565	65.1	376																	
(WY)	1965	1975	1972	1969	1989	1973	1973	1968	1973	1994	1971	1974																	
MIN	11.2	19.8	25.6	24.2	105	61.5	60.3	24.5	11.5	11.4	9.57	11.6																	
(WY)	1979	1990	1990	1981	1972	1986	1987	1988	1972	1978	1972	1983																	

SUMMARY STATISTICS

	FOR 1994 CALENDAR YEAR	FOR 1995 WATER YEAR	WATER YEARS 1967 - 1995
ANNUAL TOTAL	78187	70239	202
ANNUAL MEAN	214	192	358
HIGHEST ANNUAL MEAN			99.0
LOWEST ANNUAL MEAN			15800
HIGHEST DAILY MEAN	7570	4040	May 8
LOWEST DAILY MEAN	12	12	Oct 4
ANNUAL SEVEN-DAY MINIMUM	12	12	Oct 1
INSTANTANEOUS PEAK FLOW		18300	Jul 5
INSTANTANEOUS PEAK STAGE		15.55	Jul 5
INSTANTANEOUS LOW FLOW		11	Oct 7
ANNUAL RUNOFF (AC-FT)	155100	139300	146200
ANNUAL RUNOFF (CFSM)	2.39	2.15	2.25
ANNUAL RUNOFF (INCHES)	32.46	29.16	30.60
10 PERCENT EXCEEDS	416	389	414
50 PERCENT EXCEEDS	65	84	67
90 PERCENT EXCEEDS	20	17	15

^aFrom rating curve extended above 11,000 ft³/s on basis of step-backwater computations

^bAlso Aug. 29, 30, 31, 1972

RED RIVER BASIN

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07340300 COSSATOT RIVER NEAR VANDERVOORT--CONTINUED

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1967-68, 1986 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

		AGENCY COLLECTING SAMPLE (CODE NUMBER)	AGENCY ANALYZING SAMPLE (CODE NUMBER)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	TURBIDITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATURATION) (00301)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)
DATE	TIME										
NOV 01.	1250	80513	80020	27	63	7.1	12.0	0.40	8.4	80	K5
JAN 26.	1000	80513	80020	149	27	7.1	8.0	1.8	9.4	80	K8
FEB 14.	0945	80513	80020	55	39	7.5	3.0	0.60	11.5	87	K6
MAY 02.	0930	80513	80020	539	23	7.4	13.0	4.9	10.1	97	K150
JUL 06.	1130	80513	80020	464	28	7.3	19.0	12	9.0	99	100
SEP 06.	1030	80513	80020	14	70	7.7	25.5	0.20	7.7	96	20
DATE	TIME	STREP-TOCOCCEI, KF AGAR (COLS. PER 100 ML) (31673)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD-SORPTION RATIO (00931)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKALINITY, WAT DIS TOT FET FIELD (MG/L AS CACO3) (00418)
NOV 01.	1250	K14	23	2	6.7	1.6	2.0	15	0.2	0.60	22
JAN 26.	1000	5	9	2	2.1	0.86	1.5	26	0.2	0.50	9
FEB 14.	0945	K3	13	0	3.4	0.99	1.5	20	0.2	0.40	13
MAY 02.	0930	310	6	0	1.4	0.72	1.4	30	0.2	0.60	8
JUL 06.	1130	160	6	2	1.4	0.72	1.3	28	0.2	0.60	5
SEP 06.	1030	320	28	5	8.0	1.9	2.0	13	0.2	0.70	24
DATE	TIME	CARBONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	BICARBONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKALINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)
NOV 01.	1250	0	26	21	3.6	1.7	<0.10	7.6	39	37	2.84
JAN 26.	1000	0	8	6	2.5	1.3	<0.10	7.9	25	21	10.1
FEB 14.	0945	0	16	13	2.7	1.5	<0.10	7.8	29	26	4.31
MAY 02.	0930	0	8	6	0.70	0.90	<0.10	7.9	23	18	33.5
JUL 06.	1130	0	6	5	2.0	1.1	<0.10	8.5	25	19	31.3
SEP 06.	1030	--	28	23	3.6	1.9	<0.10	6.6	43	39	1.63
DATE	TIME	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITROGEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS, DIS-SOLVED (MG/L AS P) (00665)	PHOSPHORUS, DIS-SOLVED (MG/L AS P) (00666)	PHOSPHORUS, ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUMINUM, DIS-SOLVED (UG/L AS AL) (01106)
NOV 01.	1250	0.05	0.010	--	<0.050	<0.015	<0.20	<0.010	0.020	<0.010	--
JAN 26.	1000	0.03	<0.010	0.120	0.120	0.020	<0.20	<0.010	0.010	<0.010	--
FEB 14.	0945	0.04	<0.010	--	<0.050	<0.015	<0.20	<0.010	<0.010	<0.010	--
MAY 02.	0930	0.03	<0.010	--	<0.050	<0.015	<0.20	0.040	<0.010	<0.010	60
JUL 06.	1130	0.03	<0.010	--	<0.050	<0.015	<0.20	0.010	0.010	<0.010	50
SEP 06.	1030	0.06	<0.010	--	<0.050	<0.015	<0.20	<0.010	<0.010	<0.010	10
DATE	TIME	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LITHIUM, DIS-SOLVED (UG/L AS LI) (01130)	MANGANESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELENIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	
MAY 02.	0930	6	<3	48	<4	2	<10	<1	<1	<1.0	
JUL 06.	1130	7	<3	85	<4	4	<10	1	<1	<1.0	
SEP 06.	1030	13	<3	12	<4	5	<10	<1	<1	<1.0	

RED RIVER BASIN

07340300 COSSATOT RIVER NEAR VANDERVOORT--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	URANIUM NATURAL DIS- SOLVED (UG/L AS U) (22703)	URANIUM NATURAL 2 SIGMA WATER, DISS, (UG/L) (75990)	RA-226 2 SIGMA WATER, DISS, (PCI/L) (76001)	RADIUM 226, DIS- SOLVED, RADON, METHOD (PCI/L) (09511)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
NOV 01.	1250	--	--	<0.01	<1.0	0.010	<0.02	6	0.44	72
JAN 26.	1000	--	--	--	--	--	--	5	2.0	72
FEB 14.	0945	--	--	0.02	<1.0	0.030	0.13	2	0.30	62
MAY 02.	0930	6	<6	--	--	--	--	12	17	63
JUL 06.	1130	6	<6	--	--	--	--	15	19	71
SEP 06.	1030	24	<6	--	--	--	--	4	0.15	72

RED RIVER BASIN

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07340430 GILLHAM LAKE AT DUCKETT FORD NEAR UMPIRE

LOCATION.--Lat 34°15'46" long 94°11'34", in NE1/4NE1/4, sec.9, T.6 S., R.30 W., Howard County, Hydrologic Unit 11140109, on Gillham Lake, 8.5 mi southwest of Umpire.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
20.	0930	80513	80513	0.0	16.0	23	6.4	754	7.5	11.3
20.	0931	80513	80020	3.00	16.0	23	6.4	754	7.5	11.2
20.	0932	80513	81213	8.00	16.0	24	6.4	754	7.5	11.2
MAY										
24.	1151	80513	80513	0.0	8.0	41	7.0	751	26.5	8.5
24.	1152	80513	81213	3.00	8.0	41	6.9	751	26.5	8.4
24.	1153	80513	81213	4.00	8.0	42	6.9	751	26.5	8.0
AUG										
30.	1151	80513	80513	0.0	8.0	66	7.1	751	31.0	7.4
30.	1152	80513	81213	3.00	8.0	67	7.1	751	30.0	7.5
30.	1153	80513	81213	4.00	8.0	66	7.1	751	30.0	7.5
DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
20.	0930	95	1.30	K29	--	--	--	--	--	--
20.	0931	95	--	--	--	--	--	--	--	--
20.	0932	94	--	--	10	7.2	<2.0	6	1.4	0.70
MAY										
24.	1151	108	1.80	K3	--	--	--	--	--	--
24.	1152	106	--	--	--	--	--	--	--	--
24.	1153	101	--	--	<5	1.7	2.4	--	--	--
AUG										
30.	1151	101	2.60	K7	--	--	--	--	--	--
30.	1152	101	--	--	--	--	--	--	--	--
30.	1153	101	--	--	5	1.6	<2.0	--	--	--
DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
20.	0932	2.0	38	0.3	0.60	7	3.2	1.3	13	0.02
DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)
JAN										
20.	0931	--	--	--	--	--	--	0.100	<0.100	--
20.	0932	<0.010	0.080	0.010	<0.20	0.030	0.010	--	--	130
MAY										
24.	1152	--	--	--	--	--	--	5.00	4.00	--
24.	1153	<0.010	<0.020	--	--	<0.020	<0.010	--	--	60
AUG										
30.	1152	--	--	--	--	--	--	6.00	--	--
30.	1153	0.010	0.020	--	--	0.020	0.010	--	--	30
DATE	TIME	ARSENIC TOTAL (UG/L AS AS) (01002)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
JAN										
20.	0932	<1	<1	1	160	<1	4	<0.10	<1	<4
MAY										
24.	1153	<1	<1	1	130	<1	26	<0.10	<1	<4
AUG										
30.	1153	<1	<1	<1	110	<1	46	0.10	<1	20

RED RIVER BASIN

07340435 GILLHAM LAKE (OPOSSUM CK. ARM) NEAR DUCKETT

LOCATION.--Lat 34°15'14" long 94°13'08", in SE1/4NW1/4, sec.8, T.6 S., R.30 W., Howard County, Hydrologic Unit 11140109, on Gillham Lake, 3.0 mi south of Duckett.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
20.	0910	80513	80513	0.0	22.0	35	6.4	754	9.0	10.4
20.	0911	80513	80020	3.00	22.0	35	6.4	754	9.0	10.4
20.	0912	80513	81213	11.0	22.0	36	6.4	754	9.0	10.4
MAY										
24.	1133	80513	80513	0.0	16.0	34	7.6	751	26.0	9.2
24.	1134	80513	81213	3.00	16.0	33	7.6	751	26.5	9.2
24.	1135	80513	81213	8.00	16.0	38	6.3	751	25.5	6.4
AUG										
30.	1133	80513	80513	0.0	12.0	45	6.6	751	31.0	6.3
30.	1134	80513	81213	3.00	12.0	46	6.5	751	30.5	6.0
30.	1135	80513	81213	6.00	12.0	46	6.2	751	30.0	3.7

DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
20.	0910	91	0.76	>300	--	--	--	--	--	--
20.	0911	91	--	--	--	--	--	--	--	--
20.	0912	91	--	--	20	12	<2.0	9	1.8	1.0
MAY										
24.	1133	116	1.10	K1	--	--	--	--	--	--
24.	1134	116	--	--	--	--	--	--	--	--
24.	1135	80	--	--	5	2.6	3.3	--	--	--
AUG										
30.	1133	85	1.50	K3	--	--	--	--	--	--
30.	1134	80	--	--	--	--	--	--	--	--
30.	1135	50	--	--	5	4.2	2.2	--	--	--

DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
20.	0912	3.1	40	0.5	1.1	9	2.8	2.4	18	0.03

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)
JAN										
20.	0911	--	--	--	--	--	--	0.600	<0.100	--
20.	0912	<0.010	0.760	0.020	<0.20	0.050	0.030	--	--	180
MAY										
24.	1134	--	--	--	--	--	--	18.0	2.00	--
24.	1135	<0.010	<0.020	--	--	0.020	0.010	--	--	80
AUG										
30.	1134	0.010	0.020	--	--	0.040	0.010	19.0	--	--
30.	1135	--	--	--	--	--	--	--	--	50

DATE	TIME	ARSENIC TOTAL (UG/L AS AS) (01002)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
JAN										
20.	0912	<1	<1	2	300	<1	15	<0.10	<1	10
MAY										
24.	1135	<1	<1	1	390	<1	70	<0.10	<1	<4
AUG										
30.	1135	<1	<1	<1	440	<1	96	<0.10	3	120

RED RIVER BASIN

301

07340440 GILLHAM LAKE ABOVE COON CREEK NEAR GRANNIS

LOCATION.--Lat 34°13'53" long 94°13'54", in SW1/4NE1/4, sec.19, T.6 S., R.30 W., Howard County, Hydrologic Unit 11140109, on Gillham Lake, 5.7 mi southeast of Grannis.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
20.	0848	80513	80513	0.0	66.0	25	6.3	754	9.0	10.3
20.	0849	80513	80020	3.00	66.0	25	6.2	754	9.5	10.2
20.	0850	80513	81213	33.0	66.0	26	6.2	754	9.0	10.0
MAY										
24.	1112	80513	80513	0.0	60.0	31	8.4	751	25.5	9.8
24.	1113	80513	81213	3.00	60.0	31	8.4	751	25.5	9.7
24.	1115	80513	81213	30.0	60.0	28	6.1	751	17.5	5.3
AUG										
30.	1109	80513	80513	0.0	55.0	37	8.0	751	30.5	7.7
30.	1110	80513	81213	3.00	55.0	--	--	751	--	--
30.	1111	80513	81213	11.0	55.0	36	6.9	751	30.0	5.2
30.	1112	80513	81213	44.0	55.0	64	6.3	751	19.0	0.2
DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CA) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
20.	0848	90	0.76	92	--	--	--	--	--	--
20.	0849	90	--	--	--	--	--	--	--	--
20.	0850	88	--	--	20	12	<2.0	8	1.8	0.80
MAY										
24.	1112	121	1.30	K2	--	--	--	--	--	--
24.	1113	120	--	--	--	--	--	--	--	--
24.	1115	56	--	--	20	5.2	<2.0	--	--	--
AUG										
30.	1109	104	2.60	<2	--	--	--	--	--	--
30.	1111	70	--	--	5	1.4	<2.0	--	--	--
30.	1112	2	--	--	70	6.5	<2.0	--	--	--
DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
20.	0850	2.2	35	0.3	0.80	8	3.3	1.5	15	0.02
DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)
JAN										
20.	0849	--	--	--	--	--	--	0.500	<0.100	--
20.	0850	<0.010	0.180	0.050	<0.20	<0.020	0.020	--	--	200
MAY										
24.	1113	--	--	--	--	--	--	9.00	0.900	--
24.	1115	<0.010	0.100	--	--	<0.020	0.010	--	--	90
AUG										
30.	1110	--	--	--	--	--	--	6.00	--	--
30.	1111	0.010	0.020	--	--	0.020	0.010	--	--	20
30.	1112	0.010	0.020	--	--	0.070	0.040	--	--	100
DATE	TIME	ARSENIC TOTAL (UG/L AS AS) (01002)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (AS NI) (01067)	ZINC, TOTAL RECOV- ERABLE (AS ZN) (01092)
JAN										
20.	0850	<1	<1	1	320	<1	16	<0.10	<1	8
MAY										
24.	1115	<1	<1	2	170	<1	40	<0.10	<1	<4
AUG										
30.	1111	<1	<1	1	70	<1	28	<0.10	1	40
30.	1112	2	<1	<1	2300	<1	550	0.10	1	30

RED RIVER BASIN

07340450 GILLHAM LAKE NEAR GILLHAM

LOCATION.--Lat 34°12'37" long 94°13'44", in SE1/4SE1/4, sec.30, T.6 S., R.30 W., Howard County, Hydrologic Unit 11140109, at Gillham Dam, 6.0 mi northeast of Gillham, and at mile 49.0.

DRAINAGE AREA.--273 mi².

PERIOD OF RECORD.--April 1981 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE OF (MM HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, (PER- CENT SATUR- ATION) (00301)
JAN											
20.	0829	80513	80513	0.0	75.0	26	6.3	753	9.0	9.9	87
20.	0830	80513	80020	3.00	75.0	26	6.3	753	9.5	9.9	87
20.	0831	80513	81213	37.5	75.0	27	6.3	753	9.5	9.8	87
MAY											
24.	1050	80513	80513	0.0	66.0	31	8.3	752	25.0	9.8	120
24.	1051	80513	81213	3.00	66.0	31	8.4	752	25.0	9.6	118
24.	1052	80513	81213	33.0	66.0	27	6.3	752	17.0	5.4	57
AUG											
30.	1046	80513	80513	0.0	65.0	36	8.3	751	30.0	7.9	106
30.	1047	80513	81213	3.00	65.0	36	8.3	751	30.0	7.9	107
30.	1048	80513	81213	13.1	65.0	36	8.1	751	30.0	7.7	104
30.	1050	80513	81213	52.0	65.0	65	6.5	751	17.5	0.2	2

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
JAN										
20.	0829	0.76	110	--	--	--	--	--	--	--
20.	0831	--	--	20	12	<2.0	8	1.7	0.80	2.1
MAY										
24.	1050	1.30	<1	--	--	--	--	--	--	--
24.	1052	--	--	10	3.6	<2.0	--	--	--	--
AUG										
30.	1046	2.40	<1	--	--	--	--	--	--	--
30.	1048	--	--	5	0.90	<2.0	--	--	--	--
30.	1050	--	--	140	6.2	<2.0	--	--	--	--

DATE	TIME	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L AS P) (70301)	SOLIDS, DIS- SOLVED (TONS AC-FT) (70303)	NITRO- GEN TOTAL (MG/L AS N) (00615)
JAN										
20.	0831	35	0.3	0.80	8	3.3	1.5	15	0.02	<0.010
MAY										
24.	1052	--	--	--	--	--	--	--	--	<0.010
AUG										
30.	1048	--	--	--	--	--	--	--	--	0.010
30.	1050	--	--	--	--	--	--	--	--	0.010

DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	ALUM- INUM, RECOV- ERABLE (UG/L AS AL) (01105)
JAN										
20.	0830	--	--	--	--	--	--	1.00	<0.100	--
20.	0831	0.150	0.050	0.17	0.22	<0.020	0.020	--	--	170
MAY										
24.	1051	--	--	--	--	--	--	10.0	0.800	--
24.	1052	0.080	--	--	--	<0.020	0.010	--	--	110
AUG										
30.	1047	--	--	--	--	--	--	9.00	--	--
30.	1048	0.020	--	--	--	0.020	0.010	--	--	<20
30.	1050	0.020	--	--	--	0.110	0.130	--	--	80

DATE	TIME	ARSENIC TOTAL (UG/L AS AS) (01002)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
JAN										
20.	0831	<1	<1	1	260	<1	15	<0.10	<1	5
MAY										
24.	1052	<1	<1	<1	190	1	49	<0.10	<1	<4
AUG										
30.	1048	<1	<1	<1	40	<1	14	<0.10	<1	10
30.	1050	4	<1	<1	5100	<1	1700	0.20	1	20

RED RIVER BASIN

303

07340452 COSSATOT RIVER BELOW GILGHEAM DAM NEAR GILLHAM

LOCATION.--Lat 34°12'32" long 94°13'40", SE1/4SE1/4, sec.30, T.6 S., R.30 W., Howard County, Hydrologic Unit 11140109, at Gillham Dam on Cossatot River, 6.0 mi northeast of Gillham, and at mile 49.0.

DRAINAGE AREA.--273 mi².

PERIOD OF RECORD.--April 1981 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
JAN 20...	0757	80513	81213	27	6.1	756	9.0	12.4	108	76
MAY 24...	1015	80513	81213	29	6.5	753	22.5	8.6	101	K4
AUG 30...	1013	80513	81213	35	6.7	753	29.0	6.9	92	24
DATE	TIME	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	
JAN 20...	0757	20	12	<2.0	8	1.8	0.80	2.1	34	
MAY 24...	1015	5	<0.20	2.3	8	1.9	0.90	2.4	36	
AUG 30...	1013	5	1.5	<2.0	11	2.5	1.1	2.6	32	
DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L AS P) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	
JAN 20...	0757	0.3	0.80	9	3.3	1.4	16	0.02	<0.010	
MAY 24...	1015	0.4	0.70	--	2.9	1.5	--	--	<0.010	
AUG 30...	1013	0.3	0.90	--	2.8	1.5	--	--	0.010	
DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)	
JAN 20...	0757	0.150	0.050	--	<0.20	0.040	0.020	180	<1	
MAY 24...	1015	<0.020	0.060	0.25	0.31	<0.020	0.010	50	<1	
AUG 30...	1013	0.020	0.020	0.29	0.31	0.020	0.010	30	<1	
DATE	TIME	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	
JAN 20...	0757	<1	2	290	<1	19	<0.10	<1	6	
MAY 24...	1015	<1	2	80	<1	15	<0.10	3	5	
AUG 30...	1013	<1	1	170	<1	110	<0.10	2	70	

RED RIVER BASIN

07340595 LITTLE RIVER NEAR WILTON

LOCATION.--Lat 33°47'00" long 94°08'54", in NW1/4NW1/4, sec.30, T.11 S., R.29 W., Little River County, Hydrologic Unit 11140109, on Millwood Lake at bridge on U.S. Highway 71, 2.0 mi north of Wilton.

DRAINAGE AREA.--3,442 mi².

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
19.	1148	80513	80513	0.0	26.0	43	6.2	757	9.5	10.1	89
19.	1149	80513	80020	3.10	26.0	43	6.3	757	9.5	10.1	89
19.	1150	80513	81213	13.0	26.0	43	6.3	757	9.5	10.0	88
MAY											
23.	1256	80513	80513	0.0	20.0	35	6.2	758	20.0	8.3	91
23.	1257	80513	81213	3.00	20.0	35	6.3	758	20.0	8.2	90
23.	1258	80513	81213	10.0	20.0	35	6.3	758	20.0	8.1	90
AUG											
29.	1227	80513	80513	0.0	16.0	45	6.9	758	31.0	7.5	101
29.	1228	80513	81213	3.00	16.0	46	6.8	758	30.5	7.5	101
29.	1229	80513	81213	7.90	16.0	46	6.4	758	29.5	6.6	87

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (00078)	COLI- FORM FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
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JAN										
19.	1148	0.46	>400	--	--	--	--	--	--	--
19.	1150	--	--	40	27	<2.0	13	3.6	1.0	2.9
MAY										
23.	1256	61.0	K14	--	--	--	--	--	--	--
23.	1258	--	--	20	14	<2.0	--	--	--	--
AUG										
29.	1227	1.30	K4	--	--	--	--	--	--	--
29.	1229	--	--	10	5.6	2.1	--	--	--	--

DATE	TIME	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L (70301)	SOLIDS, DIS- SOLVED (MG/L AC-FT) (70303)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00615)
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JAN										
19.	1150	30	0.3	1.0	13	4.4	2.9	24	0.02	0.010
MAY										
23.	1258	--	--	--	--	--	--	--	--	0.010
AUG										
29.	1229	--	--	--	--	--	--	--	--	0.010

DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTH- TON TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)
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JAN										
19.	1149	--	--	--	--	--	--	0.800	<0.100	--
19.	1150	0.180	0.030	0.34	0.37	0.040	0.040	--	--	430
MAY										
23.	1257	--	--	--	--	--	--	4.00	8.00	--
23.	1258	0.110	--	--	--	0.020	0.020	--	--	290
AUG										
29.	1228	--	--	--	--	--	--	4.00	--	--
29.	1229	0.020	--	--	--	0.040	0.010	--	--	120

DATE	TIME	ARSENIC TOTAL (UG/L AS AS) (01002)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
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JAN										
19.	1150	<1	<1	2	860	<1	58	<0.10	<1	7
MAY										
23.	1258	<1	<1	<1	650	1	88	<0.10	2	5
AUG										
29.	1229	<1	<1	<1	410	<1	75	0.20	<1	360

RED RIVER BASIN

305

07340800 MILLWOOD LAKE AT YARBOROUGH LANDING NEAR ASHDOWN

LOCATION.--Lat 33°43'29" long 94°01'05", in SW1/4SE1/4, sec.8, T.12 S., R.28 W., Little River County, Hydrblogic Unit 11140109, on Millwood Lake, 4.7 mi northeast of Ashdown.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
19.	1025	80513	80513	0.0	36.0	45	6.4	758	9.5	9.9	87
19.	1026	80513	80020	3.00	36.0	45	6.4	758	9.5	9.9	86
19.	1027	80513	81213	18.0	36.0	45	6.4	758	9.5	9.8	86
MAY											
23.	1051	80513	80513	0.0	30.0	38	6.2	758	20.5	7.8	87
23.	1052	80513	81213	3.00	30.0	38	6.2	758	20.5	7.7	86
23.	1053	80513	81213	15.0	30.0	38	6.2	758	20.5	7.6	85
AUG											
29.	1044	80513	80513	0.0	30.0	51	6.7	760	30.5	6.1	81
29.	1045	80513	81213	3.00	30.0	52	6.5	760	30.0	5.8	77
29.	1046	80513	81213	15.0	30.0	47	6.2	760	29.5	3.8	50

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
JAN										
19.	1025	0.55	140	--	--	--	--	--	--	--
19.	1027	--	--	40	23	<2.0	15	4.2	1.1	2.8
MAY										
23.	1051	0.55	K7	--	--	--	--	--	--	--
23.	1053	--	--	20	14	2.0	--	--	--	--
AUG										
29.	1044	1.30	150	--	--	--	--	--	--	--
29.	1046	--	--	10	4.8	<2.0	--	--	--	--

DATE	TIME	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L (70301)	SOLIDS, DIS- SOLVED (TONS AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)
JAN										
19.	1027	27	0.3	1.1	13	4.6	2.9	24	0.03	0.010
MAY										
23.	1053	--	--	--	--	--	--	--	--	0.010
AUG										
29.	1046	--	--	--	--	--	--	--	--	0.010

DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L (70954)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)
JAN										
19.	1026	--	--	--	--	--	--	0.700	<0.100	--
19.	1027	0.190	0.030	0.27	0.30	0.040	0.040	--	--	330
MAY										
23.	1052	--	--	--	--	--	--	6.00	2.00	--
23.	1053	0.110	--	--	--	0.020	0.020	--	--	330
AUG										
29.	1045	--	--	--	--	--	--	8.00	--	--
29.	1046	0.020	--	--	--	0.020	0.010	--	--	90

DATE	TIME	ARSENIC TOTAL (UG/L AS AS) (01002)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
JAN										
19.	1027	<1	<1	2	660	<1	37	<0.10	<1	6
MAY										
23.	1053	<1	<1	<1	780	1	110	<0.10	2	<4
AUG										
29.	1046	<1	<1	<1	480	<1	160	0.20	<1	30

RED RIVER BASIN

07340960 DIERKS LAKE AT CAMP CREEK NEAR BURG

LOCATION.--Lat 34°11'59" long 94°05'22", in NE1/4NE1/4, sec.33w, T.6 S., R.29 W., Howard County, Hydrologic Unit 11140109, on Dierks Lake, 2.4 mi southwest of Burg.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE OF (MM HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JAN										
18.	1059	80513	80513	0.0	14.0	39	6.3	745	10.5	10.8
18.	1100	80513	80020	3.00	14.0	39	6.3	745	10.5	10.7
18.	1101	80513	81213	7.00	14.0	39	6.3	745	10.5	10.7
MAY										
22.	1417	80513	80513	0.0	10.0	40	8.2	751	27.5	10.0
22.	1418	80513	81213	3.00	10.0	41	8.5	751	26.0	10.9
22.	1419	80513	81213	5.00	10.0	41	8.1	751	24.5	9.5
AUG										
28.	1515	80513	80513	0.0	6.0	42	7.9	750	32.5	8.3
28.	1516	80513	81213	3.00	6.0	46	8.3	750	31.5	8.9
DATE	TIME	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
JAN										
18.	1059	99	0.76	K230	--	--	--	--	--	--
18.	1100	98	--	--	--	--	--	--	--	--
18.	1101	98	--	--	20	12	<2.0	10	2.0	1.3
MAY										
22.	1417	129	0.91	K2	--	--	--	--	--	--
22.	1418	136	--	--	--	--	--	--	--	--
22.	1419	116	--	--	10	<0.40	4.4	--	--	--
AUG										
28.	1515	117	1.00	K2	--	--	--	--	--	--
28.	1516	122	--	--	10	5.0	4.0	--	--	--
DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)
JAN										
18.	1101	3.0	36	0.4	1.1	9	3.0	2.3	18	0.04
DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)
JAN										
18.	1100	--	--	--	--	--	--	0.400	<0.100	--
18.	1101	0.010	0.910	0.030	<0.20	<0.020	0.030	--	--	200
MAY										
22.	1418	--	--	--	--	--	--	16.0	2.00	--
22.	1419	0.010	0.120	--	--	0.040	0.010	--	--	110
AUG										
28.	1516	0.010	0.020	--	--	0.060	0.010	15.0	--	70
DATE	TIME	ARSENIC TOTAL (UG/L AS AS) (01002)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
JAN										
18.	1101	<1	<1	2	330	<1	9	0.10	1	5
MAY										
22.	1419	<1	<1	2	490	<1	100	<0.10	3	<4
AUG										
28.	1516	<1	<1	<1	330	<1	82	0.20	<1	20

RED RIVER BASIN

307

07340980 DIERKS LAKE AT ROSE CREEK NEAR LEBANON

LOCATION.--Lat 34°10'08" long 94°05'45", in SE1/4NW1/4, sec.9, T.7 S., R.29 W., Sevier County, Hydrologic Unit 11140109, on Dierks Lake, 3.3 mi north of Lebanon.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
18...	0829	80513	80513	0.0	54.0	34	5.8	746	10.5	10.5	96
18...	0830	80513	80020	3.00	54.0	34	5.9	746	10.5	10.4	95
18...	0831	80513	81213	27.0	54.0	35	6.0	746	9.5	9.9	89
MAY											
22...	1355	80513	80513	0.0	52.0	37	8.5	751	25.5	9.4	116
22...	1356	80513	81213	3.00	52.0	37	8.5	751	25.0	9.5	117
22...	1358	80513	81213	26.0	52.0	35	6.0	751	17.5	4.2	45
AUG											
28...	1451	80513	80513	0.0	45.0	40	8.6	750	31.0	7.8	107
28...	1452	80513	81213	3.00	45.0	40	8.7	750	30.5	8.0	109
28...	1453	80513	81213	9.00	45.0	38	7.2	750	29.5	5.9	79
28...	1455	80513	81213	36.0	45.0	86	6.5	750	17.0	0.3	3

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
JAN											
18...	0829	0.46	380	--	--	--	--	--	--	--	--
18...	0831	--	--	30	14	<2.0	10	2.0	1.2	2.7	34
MAY											
22...	1355	1.40	K1	--	--	--	--	--	--	--	--
22...	1358	--	--	10	3.7	<2.0	--	--	--	--	--
AUG											
28...	1451	2.60	K1	--	--	--	--	--	--	--	--
28...	1453	--	--	10	1.5	<2.0	--	--	--	--	--
28...	1455	--	--	200	5.0	2.9	--	--	--	--	--

DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L AC-FT) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)
JAN											
18...	0831	0.4	1.3	10	3.2	2.0	18	0.03	0.010	0.360	0.040
MAY											
22...	1358	--	--	--	--	--	--	--	0.010	0.330	--
AUG											
28...	1453	--	--	--	--	--	--	--	0.010	0.020	--
28...	1455	--	--	--	--	--	--	--	0.010	0.020	--

DATE	TIME	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)
JAN										
18...	0830	--	--	--	--	4.80	0.200	--	--	--
18...	0831	0.31	0.35	0.020	0.020	--	--	<1	--	--
MAY										
22...	1356	--	--	--	--	7.00	3.00	--	--	--
22...	1358	--	--	0.040	0.010	--	--	<1	280	58
AUG										
28...	1452	--	--	--	--	6.00	--	--	--	--
28...	1453	--	--	0.020	0.010	--	--	<1	90	20
28...	1455	--	--	0.380	0.380	--	--	<1	8800	1100

RED RIVER BASIN

07340990 DIERKS LAKE NEAR DIERKS

LOCATION.--Lat 34°08'39" long 94°05'53", in SW1/4NW1/4, sec.21, T.7 S., R.29 W., Howard County, Hydrologic Unit 11140109, at Dierks Dam, 3.1 mi upstream from Bluff Creek, 5.0 mi northwest of Dierks, and at mile 56.5.

DRAINAGE AREA.--113 mi².

PERIOD OF RECORD.--April 1981 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE OF HG (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
18.	0848	80513	80513	0.0	85.0	34	6.2	746	9.5	10.9	97
18.	0849	80513	80020	3.00	85.0	35	6.3	746	9.5	10.7	96
18.	0850	80513	81213	42.0	85.0	36	6.2	746	8.5	9.6	84
MAY											
22.	1333	80513	80513	0.0	75.0	35	8.3	752	24.5	9.3	114
22.	1334	80513	81213	3.00	75.0	35	8.4	752	24.0	9.5	114
22.	1336	80513	81213	35.0	75.0	33	6.0	752	17.0	4.3	45
AUG											
28.	1415	80513	80513	0.0	75.0	39	8.3	750	30.5	7.6	103
28.	1416	80513	81213	3.00	75.0	39	8.4	750	29.5	7.7	103
28.	1418	80513	81213	15.0	75.0	38	6.7	750	28.0	3.7	48
28.	1420	80513	81213	60.1	75.0	71	6.5	750	16.0	0.2	2

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CaCO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
JAN										
18.	0848	0.91	75	--	--	--	--	--	--	--
18.	0850	--	--	20	8.0	<2.0	10	2.0	1.2	2.8
MAY										
22.	1333	1.90	K1	--	--	23	--	--	--	--
22.	1336	--	--	30	2.1	23	--	--	--	--
AUG										
28.	1415	3.40	<1	--	--	--	--	--	--	--
28.	1418	--	--	10	1.9	<2.0	--	--	--	--
28.	1420	--	--	160	3.9	3.2	--	--	--	--

DATE	TIME	SODIUM PERCENT (00932)	SODIUM RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD (MG/L AS CaCO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN TOTAL (MG/L AS N) (00615)
JAN										
18.	0850	34	0.4	1.3	10	3.3	2.2	19	0.02	<0.010
MAY										
22.	1336	--	--	--	--	--	--	--	--	0.030
AUG										
28.	1418	--	--	--	--	--	--	--	--	0.010
28.	1420	--	--	--	--	--	--	--	--	0.010

DATE	TIME	NITRO- GEN NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	ALUM- INUM TOTAL RECOV- ERABLE (UG/L AS AL) (01105)
JAN										
18.	0849	--	--	--	--	--	--	7.40	<0.100	--
18.	0850	0.350	0.050	0.23	0.28	<0.020	0.010	--	--	110
MAY										
22.	1334	--	--	--	--	--	--	6.00	2.00	--
22.	1336	0.320	--	--	--	0.020	0.020	--	--	140
AUG										
28.	1416	--	--	--	--	--	--	7.00	--	--
28.	1418	0.020	--	--	--	0.040	0.010	--	--	20
28.	1420	0.020	--	--	--	0.230	0.220	--	--	80

DATE	TIME	ARSENIC TOTAL (UG/L AS AS) (01002)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	ZINC TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
JAN										
18.	0850	<1	<1	2	300	<1	18	<0.10	<1	5
MAY										
22.	1336	<1	<1	2	260	<1	19	<0.10	2	<4
AUG										
28.	1418	<1	<1	<1	110	<1	140	0.30	2	10
28.	1420	4	<1	<1	6400	<1	930	0.20	<1	20

RED RIVER BASIN

309

07340992 SALINE RIVER BELOW DIERKS DAM NEAR DIERKS

LOCATION.--Lat 34°08'37" long 94°05'53", in SW1/4NW1/4, sec.21, T.7 S., R.29 W., Howard County, Hydrologic Unit 11140109, at Dierks Dam on Saline River, 3.1 mi upstream from Bluff Creek, 5.0 mi northwest of Dierks, and at mile 56.6.

DRAINAGE AREA.--113 mi².

PERIOD OF RECORD.--April 1981 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
JAN 18...	0952	80513	81213	36	6.4	748	8.5	12.2	107	K42
MAY 22...	1249	80513	81213	37	5.8	754	22.0	7.5	87	K3
AUG 28...	1337	80513	81213	39	6.9	752	29.5	7.2	96	K7

DATE	TIME	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
JAN 18...	0952	20	9.0	<2.0	10	2.0	1.2	2.7	34
MAY 22...	1249	10	3.0	3.3	9	1.8	1.2	2.8	36
AUG 28...	1337	10	1.3	<2.0	11	2.1	1.3	3.0	35

DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)
JAN 18...	0952	0.4	1.2	10	3.3	2.1	18	0.02	<0.010
MAY 22...	1249	0.4	1.1	--	2.9	1.8	--	--	<0.010
AUG 28...	1337	0.4	1.3	--	2.6	2.4	--	--	0.010

DATE	TIME	NITRO- GEN NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)
JAN 18...	0952	0.370	0.040	0.31	0.35	0.020	0.010	130	<1
MAY 22...	1249	0.090	0.140	0.41	0.55	0.060	0.010	100	<1
AUG 28...	1337	0.020	0.050	0.41	0.46	0.020	0.010	40	<1

DATE	TIME	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
JAN 18...	0952	<1	3	340	1	25	<0.10	1	6
MAY 22...	1249	<1	2	440	<1	140	<0.10	<1	<4
AUG 28...	1337	<1	1	370	<1	74	0.20	<1	10

RED RIVER BASIN

07341200 SALINE RIVER NEAR LOCKESBURG

LOCATION.--Lat 33°57'43", long 94°03'40", in NW1/4SE1/4 sec.23, T.9 S., R.29 W., Sevier County, Hydrologic Unit 11140109, on right bank 50 ft upstream of bridge on State Highway 24, 2.0 mi downstream from Brushy Creek, 6.0 mi east of Lockesburg, and at mile 30.0.

DRAINAGE AREA.--256 mi².

PERIOD OF RECORD.--June 1963 to current year.

REVISED RECORDS.--WRD Ark. 1978: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 300.00 ft above sea level (levels by U.S. Army Corps of Engineers).

REMARKS.--Records good. Regulation since May 8, 1975, by Dierks Lake 5.9 mi upstream, capacity 159,500 acre-ft. Satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 6 or 7, 1961, reached a stage of about 25.6 ft, from floodmarks.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	13	83	160	980	1320	101	189	576	30	24	20
2	11	12	91	128	952	703	98	310	278	26	23	20
3	11	13	81	112	922	663	96	447	172	25	22	20
4	11	17	78	202	895	436	272	624	263	24	21	20
5	10	1850	79	223	874	423	273	529	305	2020	20	20
6	89.0	1470	77	358	822	417	392	239	356	1220	77	20
7	9.7	258	76	599	380	1840	358	1100	351	233	206	15
8	20	158	105	345	214	2110	214	4180	337	173	34	13
9	39	234	958	282	169	769	172	5300	132	143	25	13
10	19	979	2810	316	168	866	168	691	89	127	22	13
11	13	341	1500	321	110	805	2590	906	69	118	22	13
12	507	208	405	453	87	769	1580	1060	74	70	21	16
13	666	155	732	1810	78	759	685	1030	56	31	20	20
14	664	124	973	1900	76	975	803	999	77	28	20	20
15	661	105	1110	546	93	1020	924	969	96	25	20	16
16	663	119	1510	327	113	1090	901	951	77	24	20	14
17	380	177	1640	274	114	873	885	934	33	23	18	15
18	619	190	986	1150	121	687	688	923	29	25	20	18
19	670	182	897	1850	136	642	357	903	28	23	20	17
20	661	179	1040	964	130	611	1020	414	28	22	20	20
21	318	193	1150	1090	126	306	554	307	27	22	20	20
22	213	193	1080	1020	126	184	463	293	26	22	20	16
23	140	129	979	1000	120	148	478	91	26	22	19	14
24	112	104	560	994	116	122	449	36	28	21	19	13
25	104	97	521	1010	87	111	494	195	27	20	19	13
26	69	95	506	1010	79	107	454	202	26	22	20	13
27	27	101	473	1370	939	115	317	95	25	22	20	13
28	21	110	144	590	3080	240	159	64	25	21	20	12
29	18	102	287	331	---	235	122	51	25	21	20	11
30	16	89	377	316	---	126	113	44	48	21	20	11
31	15	---	206	825	---	106	---	371	---	20	20	---
TOTAL	6707.7	7997	21514	21876	12107	19578	16180	24447	3709	4644	892	479
MEAN	216	267	694	706	432	632	539	789	124	150	28.8	16.0
MAX	670	1850	2810	1900	3080	2110	2590	5300	576	2020	206	20
MIN	9.0	12	76	112	76	106	96	36	25	20	18	11
AC-FT	13300	15860	42670	43390	24010	38830	32090	48490	7360	9210	1770	950

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 1995, BY WATER YEAR (WY)

MEAN	196	424	721	541	671	826	600	575	400	242	56.0	60.8
MAX	887	1854	2719	1292	1521	1772	1415	1295	1458	1451	236	454
(WY)	1994	1975	1983	1994	1989	1990	1979	1979	1981	1983	1989	1992
MIN	4.88	12.3	14.7	36.4	149	215	218	40.0	22.3	15.8	20.5	8.03
(WY)	1978	1990	1990	1976	1987	1986	1981	1987	1988	1978	1977	1981

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1975 - 1995

ANNUAL TOTAL	173074.7	140130.7	a442	
ANNUAL MEAN	474	384	733	1983
HIGHEST ANNUAL MEAN			171	1978
LOWEST ANNUAL MEAN			36800	3 1982
HIGHEST DAILY MEAN	7720	Jan 26	5300	May 9
LOWEST DAILY MEAN	9.0	Oct 6	9.0	Oct 6
ANNUAL SEVEN-DAY MINIMUM	10	Oct 1	10	Oct 1
INSTANTANEOUS PEAK FLOW			8660	May 8
INSTANTANEOUS PEAK STAGE			16.14	May 8
ANNUAL RUNOFF (AC-FT)	339800	277900	59600	20.52
10 PERCENT EXCEEDS	1040	999	320000	
50 PERCENT EXCEEDS	183	130	1040	
90 PERCENT EXCEEDS	16	19	135	
			18	

^aPrior to regulation, water years 1964-74, 382 ft³/s

^bMinimum discharge for period of record, 0.20 ft³/s, Nov. 6, 1963 and Oct. 29, 1969

^cMaximum discharge for period of record, 64,700 ft³/s May 14, 1968, from rating curve extended above 23,000 ft³/s on basis of contracted opening measurement of peak flow.

^dMaximum gage height, 20.86 ft May 14, 1968.

^eEstimated

RED RIVER BASIN

311

07341250 MILLWOOD LAKE AT HIGHWAY 332 BRIDGE NEAR SCHAAL

LOCATION.--Lat 33°49'08" long 93°59'06", in SE1/4NW1/4, sec.10, T.11 S., R.28 W., Howard County, Hydrologic Unit 11140109, on Millwood Lake, 1.1 mi west of Schaal.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

		AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
19.	1345	80513	80513	0.0	6.0	50	6.2	757	10.0	9.7	87
19.	1346	80513	81213	3.00	6.0	50	6.3	757	10.0	9.7	87
MAY											
23.	1352	80513	80513	0.0	12.0	46	6.3	757	21.0	7.3	83
23.	1353	80513	81213	3.00	12.0	46	6.3	757	21.0	7.1	80
23.	1354	80513	81213	6.00	12.0	46	6.3	757	21.0	7.0	79
AUG											
29.	1317	80513	80513	0.0	12.0	71	6.8	758	30.0	6.6	88
29.	1318	80513	81213	3.00	12.0	69	6.6	758	28.5	4.5	58
29.	1319	80513	81213	6.00	12.0	69	6.4	758	28.5	3.5	45
		TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	
JAN											
19.	1345	0.30	>400	--	--	--	--	--	--	--	
19.	1346	--	--	60	71	2.1	15	4.2	1.2	3.0	
MAY											
23.	1352	0.61	K21	--	--	--	--	--	--	--	
23.	1354	--	--	30	10	<2.0	--	--	--	--	
AUG											
29.	1317	0.46	49	--	--	--	--	--	--	--	
29.	1319	--	--	50	16	2.1	--	--	--	--	
		SODIUM AD- SORP- TION RATIO (00932)	SODIUM PERCENT (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY TOT WH FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L AS FT) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	
JAN											
19.	1346	27	0.3	1.4	13	36	3.1	57	0.02	0.010	
MAY											
23.	1354	--	--	--	--	--	--	--	--	0.010	
AUG											
29.	1319	--	--	--	--	--	--	--	--	0.010	
		NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	
JAN											
19.	1346	0.300	0.080	0.92	1.0	0.220	0.050	5.00	0.800	920	
MAY											
23.	1353	--	--	--	--	--	--	0.600	3.00	--	
23.	1354	0.330	--	--	--	0.080	0.030	--	--	160	
AUG											
29.	1318	--	--	--	--	--	--	14.0	--	--	
29.	1319	0.040	--	--	--	0.060	0.030	--	--	170	
		ARSENIC TOTAL (UG/L AS AS) (01002)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	
JAN											
19.	1346	1	2	3	2500	2	700	<0.10	2	8	
MAY											
23.	1354	<1	<1	1	900	<1	120	0.70	1	<4	
AUG											
29.	1319	1	<1	<1	1300	<1	320	0.20	2	10	

RED RIVER BASIN

07341265 MILLWOOD LAKE ON MINE CREEK NEAR TOLLETTE

LOCATION.--Lat 33°49'22" long 93°55'03", in SE1/4SE1/4SE1/4, sec.6, T.11 S., R.27 W., Howard County, Hydrologic Unit 11140109, on Millwood Lake, at bridge on State Highway 332, 1.75 mi west of Tollette.

PERIOD OF RECORD.--August 1993 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	SAMPLE DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
19.	1409	80513	80513	0.0	13.0	86	6.6	756	10.0	9.7	86
19.	1410	80513	80020	3.00	13.0	86	6.6	756	10.0	9.6	86
19.	1411	80513	81213	6.50	13.0	86	6.6	756	10.0	9.6	85
MAY											
23.	1415	80513	80513	0.0	8.0	140	6.7	756	22.0	6.9	79
23.	1416	80513	81213	3.00	8.0	140	6.6	756	22.0	6.8	78
23.	1417	80513	81213	4.00	8.0	140	6.6	756	22.0	6.7	78
AUG											
29.	1344	80513	80513	0.0	6.0	504	7.3	757	28.5	4.3	56
29.	1345	80513	81213	3.00	6.0	499	7.2	757	28.5	4.0	52

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (00078)	COLI- FORM, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CaCO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS Ca) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS Mg) (00925)	SODIUM, DIS- SOLVED (MG/L AS Na) (00930)
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JAN										
19.	1409	0.30	>400	--	--	--	--	--	--	--
19.	1411	--	--	80	44	2.1	28	9.3	1.2	4.3
MAY										
23.	1415	0.46	110	--	--	--	--	--	--	--
23.	1417	--	--	10	19	<2.0	--	--	--	--
AUG										
29.	1344	0.24	74	--	--	--	--	--	--	--
29.	1345	--	--	40	25	2.3	--	--	--	--

DATE	TIME	SODIUM AD- SORP- TION RATIO (00932)	SODIUM SOLVED (MG/L AS K) (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CaCO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS Cl) (00940)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L AS Ca) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)
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JAN										
19.	1411	23	0.4	2.4	22	10	4.7	45	0.07	0.020
MAY										
23.	1417	--	--	--	--	--	--	--	--	0.020
AUG										
29.	1345	--	--	--	--	--	--	--	--	0.040

DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS Al) (01105)
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JAN										
19.	1410	--	--	--	--	--	--	1.70	0.200	--
19.	1411	0.640	0.070	0.63	0.70	0.150	0.150	--	--	560
MAY										
23.	1416	--	--	--	--	--	--	0.100	2.00	--
23.	1417	1.40	--	--	--	0.390	0.310	--	--	400
AUG										
29.	1345	1.80	--	--	--	1.30	1.20	7.00	--	430

DATE	TIME	ARSENIC TOTAL (UG/L AS AS) (01002)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
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JAN										
19.	1411	<1	<1	3	1300	1	60	<0.10	2	8
MAY										
23.	1417	<1	<1	1	1400	1	110	<0.10	3	6
AUG										
29.	1345	3	<1	3	1300	2	230	0.20	4	90

RED RIVER BASIN

313

07341295 MILLWOOD LAKE NEAR SARATOGA

LOCATION.--Lat 33°44'09" long 93°57'53", in NW1/4SW1/4, sec. 1, T.12 S., R.28 W., Howard County, Hydrologic Unit 11140109, on Millwood Lake, 3.0 mi southwest of Saratoga.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
19.	1451	80513	80513	0.0	38.0	65	7.1	756	9.5	11.2	99
19.	1452	80513	80020	3.00	38.0	64	7.1	756	9.5	10.8	95
19.	1453	80513	81213	19.0	38.0	65	7.1	756	9.5	10.7	95
MAY											
23.	0842	80513	80513	0.0	10.0	45	6.4	757	22.5	8.1	95
23.	0843	80513	81213	3.00	10.0	45	6.5	757	22.5	8.0	93
23.	0844	80513	81213	5.10	10.0	45	6.5	757	22.5	7.9	92
AUG											
29.	0952	80513	80513	0.0	24.0	91	7.3	758	29.5	6.1	80
29.	0953	80513	81213	3.00	24.0	91	7.2	758	29.0	5.6	73
29.	0954	80513	81213	12.0	24.0	92	7.0	758	29.0	4.3	56

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
JAN										
19.	1451	0.46	K33	--	--	--	--	--	--	--
19.	1453	--	--	40	82	2.6	29	9.7	1.2	3.5
MAY										
23.	0842	0.67	<1	--	--	--	--	--	--	--
23.	0844	--	--	30	8.4	2.7	--	--	--	--
AUG										
29.	0952	0.64	K1	--	--	--	--	--	--	--
29.	0954	--	--	20	7.6	<2.0	--	--	--	--

DATE	TIME	SODIUM AD- SORP- TION RATIO (00932)	SODIUM PERCENT (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, DIS- SOLVED (MG/L AS N) (00615)
JAN										
19.	1453	20	0.3	1.3	29	6.9	3.8	44	0.06	0.010
MAY										
23.	0844	--	--	--	--	--	--	--	--	0.010
AUG										
29.	0954	--	--	--	--	--	--	--	--	0.010

DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)
JAN										
19.	1452	--	--	--	--	--	--	13.0	0.800	--
19.	1453	0.120	0.040	0.79	0.83	0.020	0.050	--	--	1300
MAY										
23.	0843	--	--	--	--	--	--	10.0	1.00	--
23.	0844	<0.020	--	--	--	0.020	0.010	--	--	180
AUG										
29.	0953	--	--	--	--	--	--	23.0	--	--
29.	0954	0.020	--	--	--	0.070	0.020	--	--	150

DATE	TIME	ARSENIC TOTAL (UG/L AS AS) (01002)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
JAN										
19.	1453	2	2	3	3000	2	250	<0.10	2	10
MAY										
23.	0844	<1	<1	1	490	<1	66	0.10	<1	<4
AUG										
29.	0954	2	<1	<1	500	<1	370	0.20	<1	70

RED RIVER BASIN

07341300 MILLWOOD LAKE NEAR ASHDOWN

LOCATION.--Lat 33°41'28" long 93°57'53", in SE1/4SE1/4, sec.23, T.12 S., R. 28 W., Sevier County, Hydrologic Unit 11140109, at Millwood Dam, 9.2 mi east of Ashdown, 9.6 mi upstream from Hudson Creek, and at mile 16.0.

DRAINAGE AREA.--4,119 mi².

PERIOD OF RECORD.--April 1981 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)
JAN											
19.	0916	80513	80513	0.0	36.0	94	7.1	757	9.5	10.6	93
19.	0918	80513	80020	3.00	36.0	94	7.1	757	9.5	10.4	92
19.	0919	80513	81213	18.0	36.0	94	7.1	757	9.5	10.4	92
MAY											
23.	0941	80513	80513	0.0	34.0	54	7.3	758	23.0	8.6	101
23.	0942	80513	81213	3.00	34.0	54	7.3	758	22.5	8.5	99
23.	0943	80513	81213	17.0	34.0	50	6.8	758	22.0	8.1	93
AUG											
29.	0859	80513	80513	0.0	35.0	78	7.7	758	31.0	6.9	94
29.	0901	80513	81213	2.90	35.0	78	7.7	758	31.0	6.9	93
29.	0903	80513	81213	17.0	35.0	87	6.5	758	29.0	1.3	18

DATE	TIME	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
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JAN										
19.	0916	0.61	120	--	--	--	--	--	--	--
19.	0919	--	--	50	38	2.0	31	10	1.4	4.5
MAY										
23.	0941	0.61	<1	--	--	--	--	--	--	--
23.	0943	--	--	30	11	2.5	--	--	--	--
AUG										
29.	0859	0.88	59	--	--	--	--	--	--	--
29.	0903	--	--	20	5.2	<2.0	--	--	--	--

DATE	TIME	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD CACO3 (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L AS CL) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)
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JAN										
19.	0919	23	0.4	1.8	27	10	4.9	49	0.07	0.010
MAY										
23.	0943	--	--	--	--	--	--	--	--	0.010
AUG										
29.	0903	--	--	--	--	--	--	--	--	0.010

DATE	TIME	NITRO- GEN NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)
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JAN										
19.	0918	--	--	--	--	--	--	4.10	0.200	--
19.	0919	0.260	0.060	0.49	0.55	0.110	0.040	--	--	480
MAY										
23.	0942	--	--	--	--	--	--	9.00	0.600	--
23.	0943	<0.020	--	--	--	0.020	0.020	--	--	260
AUG										
29.	0901	--	--	--	--	--	--	13.0	--	--
29.	0903	0.020	--	--	--	0.100	0.020	--	--	110

DATE	TIME	ARSENIC TOTAL (UG/L AS AS) (01002)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
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JAN										
19.	0919	<1	1	2	1400	1	130	<0.10	<1	10
MAY										
23.	0943	<1	<1	2	620	<1	76	<0.10	<1	<4
AUG										
29.	0903	3	<1	<1	380	<1	560	<0.10	1	20

RED RIVER BASIN

315

07341301 LITTLE RIVER AT MILLWOOD DAM NEAR ASHDOWN

LOCATION.--Lat 33°41'28" long 93°57'53", in SE1/4SE1/4, sec. 23, T.12 S., R.28 W., Little River County, Hydrologic Unit 11140109, at Millwood Dam on Little River, 9.2 mi east of Ashdown, 9.6 mi upstream from Hudson Creek, and at mile 16.0.

DRAINAGE AREA.--4,119 mi².

PERIOD OF RECORD.--April 1981 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
JAN 19...	0945	80513	81213	68	6.9	758	9.5	11.3	100	<1
MAY 23...	1012	80513	81213	40	6.4	758	22.5	9.0	105	K11
AUG 29...	0837	80513	81213	80	6.6	758	30.0	7.4	98	38

DATE	TIME	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
JAN 19...	0945	50	32	<2.0	22	6.7	1.3	3.9	26
MAY 23...	1012	30	16	2.5	11	2.9	0.90	2.6	32
AUG 29...	0837	15	8.0	<2.0	22	6.2	1.5	5.6	34

DATE	TIME	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)
JAN 19...	0945	0.4	1.4	19	7.0	4.9	37	0.05	0.010
MAY 23...	1012	0.3	1.0	--	3.4	2.1	--	--	0.010
AUG 29...	0837	0.5	1.4	--	3.6	7.1	--	--	0.010

DATE	TIME	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)
JAN 19...	0945	0.180	0.050	0.44	0.49	0.050	0.050	360	<1
MAY 23...	1012	0.030	0.070	0.34	0.41	<0.020	0.020	350	<1
AUG 29...	0837	0.020	0.090	0.49	0.58	0.060	0.020	170	2

DATE	TIME	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
JAN 19...	0945	<1	2	930	1	58	<0.10	<1	10
MAY 23...	1012	<1	1	760	<1	96	<0.10	<1	<4
AUG 29...	0837	<1	<1	430	<1	300	<0.10	<1	20

RED RIVER BASIN

07356000 OUACHITA RIVER NEAR MOUNT IDA

LOCATION.--Lat 34°36'36", long 93°41'50", in SE1/4SW1/4 sec.32, T.1 S., R.25 W., Montgomery County, Hydrologic Unit 08040101, on right bank 300 ft upstream from bridge on U.S. Highway 270, 3.1 mi upstream from Fiddler's Creek, 5.2 mi northwest of Mount Ida, and at mile 553.4.

DRAINAGE AREA.--414 mi².

PERIOD OF RECORD.--October 1941 to current year. Monthly discharge only for some periods, published in WSP 1311.

REVISED RECORDS.--WSP 1211: 1947(m). WRD Ark. 1979: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 655.14 ft above sea level. Prior to Dec. 3, 1941, and Mar. 1, 1945, to Apr. 1, 1946, nonrecording gage, Dec. 3, 1941 to Feb. 21, 1945, and Apr. 2, 1946, to Nov. 2, 1949, water-stage recorder, all at site 350 ft downstream at present datum.

REMARKS.--Records good, except for estimated daily discharges which are fair. As of August 1977, flow from 34.3 mi² upstream from this station is controlled by one floodwater-detention reservoir that has a capacity of 15,661 acre-ft, of which 9,726 acre-ft is flood-detention, 4,600 acre-ft is water supply, and 1,355 acre-ft is sediment storage. Satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood of Dec. 3, 1982, was about 4.0 ft higher than that of 1908 and is the highest since at least that date, from information by local resident.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37	55	257	431	e600	e870	540	6090	933	233	65	20
2	36	53	237	388	e500	e580	470	3870	1100	157	63	20
3	35	52	223	365	e450	e550	421	2020	1050	122	60	20
4	35	57	211	358	e400	e480	1670	1430	766	114	56	20
5	34	4660	199	332	e350	e440	1430	1020	574	1560	53	20
6	33	5940	188	457	e320	e400	1000	865	562	887	52	19
7	32	1640	179	750	e300	e3000	798	2130	490	486	52	19
8	44	963	240	615	e270	e2500	655	12500	394	321	54	19
9	50	2050	6280	551	e250	e1500	551	8000	329	227	66	19
10	54	6770	6070	505	e240	e1000	497	2850	544	177	65	19
11	65	2520	3500	479	e240	e800	9070	1750	1090	146	52	20
12	63	1520	e2500	2270	e230	e600	4750	1210	897	126	45	25
13	59	1040	e2000	17600	e220	e550	e2000	928	624	109	40	32
14	56	788	e1500	7210	e210	e700	e1000	746	478	98	37	37
15	54	736	e1200	3730	e260	e1000	e700	601	385	85	35	36
16	58	834	3000	e1800	e350	1100	e600	500	312	79	33	38
17	59	658	2860	e1000	e300	981	e550	e400	258	74	32	44
18	59	561	1730	e1200	e280	837	e530	e330	221	163	30	58
19	60	494	1250	e2000	e270	717	e520	e280	191	141	29	76
20	60	443	1140	e1600	e260	621	e510	e250	168	101	28	80
21	61	512	1800	e1200	e240	535	e500	e230	153	101	27	73
22	66	505	1310	e1000	e230	478	e490	e220	140	114	27	68
23	70	424	1030	e800	e220	433	e480	211	129	104	26	64
24	68	382	849	e700	e210	384	e470	192	146	100	25	56
25	67	354	714	e600	e200	343	e460	234	128	93	24	50
26	e65	331	614	e800	e500	370	e450	257	116	82	24	49
27	e63	362	532	e2000	e1200	2820	e440	231	106	78	24	47
28	e60	371	478	e1800	e900	1460	428	320	99	77	23	45
29	60	328	501	e1200	---	1000	398	249	93	72	22	43
30	59	289	560	e900	---	779	828	209	101	66	21	41
31	61	---	474	e700	---	640	---	297	---	66	21	---
TOTAL	1683	35692	43626	55341	10000	28568	33206	50420	12577	6359	1211	1177
MEAN	54.3	1190	1407	1785	357	922	1107	1626	419	205	39.1	39.2
MAX	70	6770	6280	17600	1200	3000	9070	12500	1100	1560	66	80
MIN	32	52	179	332	200	343	398	192	93	66	21	19
AC-FT	3340	70800	86530	109800	19830	56660	65860	100000	24950	12610	2400	2330

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1995, BY WATER YEAR (WY)

	MEAN	362	710	1045	914	1120	1363	1146	1154	511	246	95.9	206
MAX	4031	2935	5373	3676	4574	5692	4230	3679	2084	1130	506	1470	
(WY)	1985	1973	1983	1949	1945	1945	1957	1990	1974	1951	1950	1974	
MIN	7.24	21.9	37.1	34.5	104	197	275	102	28.6	13.9	6.33	5.45	
(WY)	1957	1964	1964	1963	1972	1972	1963	1977	1972	1954	1954	1954	

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1942 - 1995

ANNUAL TOTAL	267688	279860	738
ANNUAL MEAN	733	767	1499
HIGHEST ANNUAL MEAN			263
LOWEST ANNUAL MEAN			1945
HIGHEST DAILY MEAN	11100	17600	79800
LOWEST DAILY MEAN	32	19	2.5
ANNUAL SEVEN-DAY MINIMUM	35	19	2.8
INSTANTANEOUS PEAK FLOW		20800	102000
INSTANTANEOUS PEAK STAGE		18.77	39.78
INSTANTANEOUS LOW FLOW		19	2.3
ANNUAL RUNOFF (AC-FT)	531000	555100	534400
10 PERCENT EXCEEDS	1910	1690	1610
50 PERCENT EXCEEDS	289	330	247
90 PERCENT EXCEEDS	59	36	32

^aFrom floodmark

^eEstimated

317

^eEstimated

RED RIVER BASIN

07359610 CADDO RIVER NEAR CADDO GAP

LOCATION.--Lat 34°22'59", long 93°36'21", in SW1/4NE1/4 sec.19, T.4 S., R.24 W., Montgomery County, Hydrologic Unit 08040102, at downstream side of bridge on State Highway 240, 1.3 mi southeast of Caddo Gap.

DRAINAGE AREA.--132 mi².

PERIOD OF RECORD.--October 1988 to current year. Results of discharge measurements April 1975 to September 1978 are contained in reports of U.S. Army Corps of Engineers.

GAGE.--Water-stage recorder. Datum of gage is 577.81 ft above sea level.

REMARKS.--Records good, except for those above 10,000 ft³/s and estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41	65	e140	e160	243	220	106	691	310	189	59	40
2	42	63	e130	e140	217	190	98	471	293	104	55	40
3	41	63	e130	e130	194	173	99	351	211	99	53	39
4	40	e1000	e120	e120	171	158	467	310	160	93	50	38
5	40	e6000	e110	e105	156	148	292	259	132	4410	50	38
6	39	e1300	e100	e140	142	138	235	371	130	748	52	37
7	39	e650	e95	e220	135	2050	200	651	104	405	56	37
8	90	e380	e110	e200	124	762	172	5100	93	271	51	36
9	94	e600	e5000	e180	115	456	150	1350	84	195	45	35
10	60	e1000	e4000	e170	110	334	235	658	478	148	44	35
11	54	e580	e1500	e165	102	270	1610	427	527	119	43	34
12	77	e430	e750	e160	93	232	799	328	295	103	42	35
13	70	e330	e540	e2200	88	215	515	276	198	91	41	55
14	63	e270	e480	1760	93	241	386	230	151	82	41	51
15	59	e950	e560	895	125	291	319	194	119	73	40	50
16	109	e520	e800	582	113	279	278	170	101	65	39	52
17	174	e350	e900	447	96	252	252	155	89	79	38	73
18	166	e290	e600	667	89	226	285	147	81	168	37	57
19	143	e270	e460	868	87	205	240	120	74	80	41	74
20	109	e250	e420	589	82	182	298	110	71	67	52	98
21	191	e310	e340	443	78	163	280	101	66	78	49	62
22	234	e260	e290	373	75	152	242	95	67	74	48	57
23	154	e230	e250	327	72	139	267	87	77	62	47	52
24	119	e200	e220	302	69	120	242	83	82	60	46	50
25	109	e180	e210	285	67	108	216	117	68	58	45	49
26	102	e170	e190	286	79	114	195	92	64	57	45	48
27	88	e210	e180	617	346	231	185	86	63	57	43	48
28	81	e220	e170	491	282	167	158	154	62	56	43	48
29	75	e170	e190	375	---	147	174	101	173	55	42	48
30	71	e150	e200	316	---	136	210	93	162	54	41	46
31	68	---	e170	269	---	120	---	192	---	54	41	---
TOTAL	2842	17461	19355	13982	3643	8619	9205	13570	4585	8254	1419	1462
MEAN	91.7	582	624	451	130	278	307	438	153	266	45.8	48.7
MAX	234	6000	5000	2200	346	2050	1610	5100	527	4410	59	98
MIN	39	63	95	105	67	108	98	83	62	54	37	34
AC-FT	5640	34630	38390	27730	7230	17100	18260	26920	9090	16370	2810	2900
CFSM	.67	4.28	4.59	3.32	.96	2.04	2.26	3.22	1.12	1.96	.34	.36
IN.	.78	4.78	5.29	3.82	1.00	2.36	2.52	3.71	1.25	2.26	.39	.40

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1995, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995
MEAN	198	410	573	459	365	455	307
MAX	405	810	1289	799	697	886	578
(WY)	1994	1992	1994	1994	1989	1990	1991
MIN	51.2	52.5	50.9	167	130	255	111
(WY)	1990	1990	1990	1992	1995	1991	1992

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1989 - 1995

ANNUAL TOTAL	115028	104397	308
ANNUAL MEAN	315	286	389
HIGHEST ANNUAL MEAN			1994
LOWEST ANNUAL MEAN			1993
HIGHEST DAILY MEAN	7320	Jan 26	28600
LOWEST DAILY MEAN	39	Oct 6	31
ANNUAL SEVEN-DAY MINIMUM	40	Oct 1	32
INSTANTANEOUS PEAK FLOW			Aug 28 1993
INSTANTANEOUS PEAK STAGE			Aug 25 1993
INSTANTANEOUS LOW FLOW			Dec 3 1993
ANNUAL RUNOFF (AC-FT)	228200	207100	26.27
ANNUAL RUNOFF (CFSM)	2.32	2.10	29
ANNUAL RUNOFF (INCHES)	31.46	28.56	Aug 29 1993
10 PERCENT EXCEEDS	563	532	2.26
50 PERCENT EXCEEDS	141	140	30.73
90 PERCENT EXCEEDS	54	45	545
			130
			48

^aFrom rating curve extended above 10,000 ft³/s on basis of slope-conveyance study

^bFrom floodmarks

^cEstimated

RED RIVER BASIN

319

07361500 ANTOINE RIVER AT ANTOINE

LOCATION.--Lat 34°02'20", long 93°25'05", in NW1/4NW1/4 sec.24, T.8 S., R.23 W., Pike County, Hydrologic Unit 08040103, near right bank on downstream side of bridge on State Highway 26 at Antoine, 1.6 mi downstream from Brushy Creek, 1.9 mi downstream from Suck Creek, and at mile 8.5.

DRAINAGE AREA.--178 mi².

PERIOD OF RECORD.--October 1954 to current year. Gage-height records collected in this vicinity since November 1950 (published as "Antoine Creek") are contained in reports of U.S. Army Corps of Engineers.

REVISED RECORDS.--WSP 1511: 1955(M). WRD Ark. 1973: 1972. WRD Ark. 1979: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 229.33 ft above sea level. Prior to Oct. 22, 1954, at site 75 ft upstream at present datum.

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

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in 1905 reached a stage of 29.7 ft, from information by State Highway and Transportation Department, discharge, 40,000 ft³/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.5	37	163	182	360	709	103	255	351	20	21	.07
2	3.6	32	153	163	317	497	95	305	246	19	22	.02
3	4.2	29	156	153	281	414	90	219	186	19	22	.00
4	4.8	253	146	148	248	367	253	320	138	15	21	.00
5	5.0	6800	137	137	227	349	248	282	92	603	21	.00
6	5.0	1590	128	177	210	318	195	244	92	460	23	.00
7	5.1	749	120	271	197	704	166	571	107	283	45	.00
8	10	500	147	226	180	751	141	3310	61	189	31	.00
9	12	672	1620	211	161	525	123	1960	38	110	22	.00
10	8.3	1320	4230	201	159	423	1140	851	100	67	17	.00
11	6.6	713	1510	197	155	354	9680	526	264	44	14	.00
12	11	511	892	189	139	307	1790	397	210	31	12	.00
13	12	404	630	2320	125	280	869	326	146	24	10	.00
14	10	335	552	2100	135	342	574	269	84	19	9.0	.00
15	9.0	1160	669	1180	208	377	429	216	54	15	8.2	.00
16	13	748	1060	759	209	452	347	186	38	13	7.3	.00
17	19	493	1070	573	199	383	287	155	29	11	6.2	.00
18	29	386	699	1090	169	327	304	136	24	9.5	5.2	.00
19	29	321	527	1510	151	286	274	115	22	8.2	4.4	.00
20	219	305	437	887	139	258	582	84	19	7.5	3.4	.03
21	506	397	441	635	127	229	546	65	17	7.4	2.4	.13
22	420	294	362	506	118	209	378	52	20	6.8	1.5	.23
23	234	253	310	464	112	194	404	40	23	6.3	.91	.30
24	149	233	277	443	107	168	347	32	47	5.9	.72	.36
25	117	218	254	373	99	147	276	145	30	5.8	.58	.37
26	115	211	233	359	113	176	231	198	22	6.8	.44	.38
27	102	258	215	1080	1810	269	195	140	16	9.0	.35	.38
28	80	253	203	820	1130	177	160	106	16	9.8	.29	.37
29	64	205	219	596	---	145	138	133	20	13	.23	.35
30	54	182	228	519	---	126	168	77	17	15	.16	.31
31	45	---	196	427	---	113	---	146	---	19	.11	---
TOTAL	2307.1	19862	17984	18896	7585	10376	20533	11861	2529	2072.0	332.39	3.30
MEAN	74.4	662	580	610	271	335	684	383	84.3	66.8	10.7	.11
MAX	506	6800	4230	2320	1810	751	9680	3310	351	603	45	.38
MIN	3.6	29	120	137	99	113	90	32	16	5.8	.11	.00
AC-FT	4580	39400	35670	37480	15040	20580	40730	23530	5020	4110	659	6.5
CFSM	.42	3.72	3.26	3.42	1.52	1.88	3.85	2.15	.47	.38	.06	.00
IN.	.48	4.15	3.76	3.95	1.59	2.17	4.29	2.48	.53	.43	.07	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1955 - 1995, BY WATER YEAR (WY)

	110	307	442	339	445	527	480	431	186	98.0	37.7	40.3
MEAN	838	1271	1958	956	1344	1325	1548	2266	1430	823	598	439
MAX	1985	1974	1988	1991	1989	1990	1973	1968	1974	1983	1966	1980
(WY)	.000	.37	1.48	21.4	76.3	74.0	32.7	15.1	3.34	.83	.013	.020
MIN	1957	1957	1966	1966	1963	1972	1972	1988	1966	1964	1956	1956
(WY)												

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1955 - 1995

ANNUAL TOTAL	120723.9	114340.79	286	1973
ANNUAL MEAN	331	313	551	1971
HIGHEST ANNUAL MEAN			109	1971
LOWEST ANNUAL MEAN			20500	May 2 1958
HIGHEST DAILY MEAN	6800	9680	.00	Aug 4 1956
LOWEST DAILY MEAN	2.1	.00	.00	Aug 4 1956
ANNUAL SEVEN-DAY MINIMUM	2.5	.00	.00	May 2 1958
INSTANTANEOUS PEAK FLOW		15600	35500	May 2 1958
INSTANTANEOUS PEAK STAGE		23.76	28.75	at times
INSTANTANEOUS LOW FLOW		.00	.00	at times
ANNUAL RUNOFF (AC-FT)	239500	226800	207300	
ANNUAL RUNOFF (CFSM)	1.86	1.76	1.61	
ANNUAL RUNOFF (INCHES)	25.23	23.90	21.84	
10 PERCENT EXCEEDS	765	670	601	
50 PERCENT EXCEEDS	115	149	68	
90 PERCENT EXCEEDS	6.1	.52	1.5	

RED RIVER BASIN

07362000 OUACHITA RIVER AT CAMDEN
(National stream-quality accounting network station)

LOCATION.--Lat 33°35'47", long 92°49'05", in SE¼ sec.14, T.13 S., R.17 W., Ouachita County, Hydrologic Unit 08040102, at bridge on U.S. Highway 79 at Camden, 3.4 mi downstream from Ecore Fabre Bayou, 6.2 mi upstream from Two Bayou Creek, and at mile 354.1.

DRAINAGE AREA.--5,357 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--September 1928 to September 1960 and October 1965 to current year in reports of Geological Survey. October 1929 to date in reports of U.S. Army Corps of Engineers. Monthly discharge only, October 1929 to September 1960 published in WSP 1311 and WSP 1731. Gage heights collected since 1885 in this vicinity are contained in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 71.69 ft above sea level. Aug. 8, 1928, to July 10, 1935, and July 11, 1935, to Jan. 4, 1945, nonrecording gage at present site and datum. Jan. 5, 1945, to Oct. 27, 1947, nonrecording gage at site 0.4 mi downstream at present datum. Aug. 10, 1938, to May 31, 1949, supplementary nonrecording gage, 4.5 mi upstream. Since Jan. 1, 1957, auxiliary water-stage recorder, 3.2 mi downstream.

REMARKS.--No estimated daily discharges. Water-discharge records good. Flow regulated since 1925 by Lake Catherine, 102 mi upstream, capacity, 35,250 acre-ft, since 1932 by Lake Hamilton, capacity, 190,100 acre-ft, since 1949 by Lake Greeson, capacity, 407,900 acre-ft, since 1952 by Lake Ouachita, capacity, 2,768,400 acre-ft, and since August 1969 by DeGray Lake, capacity, 881,900 acre-ft. Satellite telemeter at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3520	1550	8290	8160	15200	17000	4200	4460	3540	1490	1450	1850
2	3460	1640	8160	7950	12500	18200	3170	3960	8310	1740	1950	1970
3	1810	1620	7150	7410	10300	17700	2370	5190	7560	1780	1650	1800
4	1280	2440	6950	7280	8860	15800	2820	6360	5170	1700	2100	1070
5	2890	3380	6180	7520	8420	13600	7060	8560	4080	1470	3340	1060
6	3340	15400	6090	8240	6610	12100	9590	9570	4010	2570	3050	1020
7	1940	23400	5060	8930	5710	11700	8010	9190	3950	6400	1690	1460
8	1760	26300	3230	10900	6670	13900	5050	9280	2620	6770	1230	1450
9	2190	26700	3810	11000	7090	17500	5790	13100	2800	5420	2590	1460
10	1910	25200	11800	9910	6510	18400	5280	20200	3330	2600	3290	1350
11	1800	21900	20600	8940	4780	14300	7790	24400	5010	2250	3060	1120
12	1650	20300	25500	7400	4530	11000	17600	26700	9280	3790	3390	923
13	1760	17500	27500	6310	4620	7860	24200	26200	6440	4610	3220	1000
14	2080	14000	27800	10600	6370	7160	29300	21200	4430	4150	3060	1250
15	2280	11700	23800	19200	7350	8810	32200	17900	3050	3730	2300	1820
16	2210	13800	22300	20200	8620	11800	29600	15100	3760	2870	3110	1710
17	2240	15500	23500	19200	9680	14000	20400	11800	4760	2590	3050	1190
18	3010	14700	25200	18300	8680	13300	15100	10600	4070	2560	4530	999
19	4760	13000	26200	22600	6060	11400	14500	9790	3780	2750	3550	1030
20	5440	11300	24000	28400	4480	9390	13200	7470	2010	2120	2250	1090
21	5680	9650	18100	32100	4710	7220	13700	7550	1870	2610	2050	1040
22	6750	9010	13000	32900	4860	6190	12800	5650	2000	2590	2160	1090
23	7550	8780	12000	29700	4720	5060	10400	5210	2750	3210	2040	947
24	6830	8280	10900	23400	3580	5890	9290	5490	2600	3090	1330	925
25	5020	7430	9770	19200	2960	7420	8550	5800	2480	3290	1150	930
26	4140	8180	9340	17600	3440	6560	7120	5690	1400	3080	1740	1140
27	3150	8010	9080	16700	3320	6870	5410	5330	1240	2340	2760	935
28	3340	7690	9750	17600	11100	11300	4530	5080	1280	2860	2830	963
29	2840	8600	9150	18100	---	11200	4090	4220	1560	3920	1440	897
30	2220	8940	8480	16800	---	8750	4300	3800	1790	3650	1770	982
31	1850	---	8190	15700	---	6550	---	3690	---	1920	1950	---
TOTAL	100700	365900	430880	488250	191730	347930	337420	318540	110930	95920	75080	36471
MEAN	3248	12200	13900	15750	6847	11220	11250	10280	3698	3094	2422	1216
MAX	7550	26700	27800	32900	15200	18400	32200	26700	9280	6770	4530	1970
MIN	1280	1550	3230	6310	2960	5060	2370	3690	1240	1470	1150	897
AC-FT	199700	725800	854700	968400	380300	690100	669300	631800	220000	190300	148900	72340

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 1995, BY WATER YEAR (WY)

	MEAN	2490	5318	9383	12280	12370	12770	13240	12950	5246	2850	1953	2291
MAX	18200	25370	41930	46610	40110	45110	48110	52200	31090	13640	7469	19410	
(WY)	1985	1973	1983	1937	1950	1945	1945	1968	1974	1989	1966	1974	
MIN	291	381	740	686	1542	1742	1578	1674	411	260	176	154	
(WY)	1933	1933	1940	1940	1936	1954	1930	1932	1936	1930	1930	1943	

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1929 - 1995

ANNUAL TOTAL	3071170	2899751	7740	
ANNUAL MEAN	8414	7945	16120	
HIGHEST ANNUAL MEAN			2292	1973
LOWEST ANNUAL MEAN			238000	1936
HIGHEST DAILY MEAN	41600	Jan 31	238000	Apr 3 1945
LOWEST DAILY MEAN	1070	Jun 28	125	Sep 16 1943
ANNUAL SEVEN-DAY MINIMUM	1480	Jun 22	132	Sep 11 1943
INSTANTANEOUS PEAK FLOW			243000	Apr 3 1945
INSTANTANEOUS PEAK STAGE			44.82	Apr 3 1945
INSTANTANEOUS LOW FLOW			125	Sep 16 1943
ANNUAL RUNOFF (AC-FT)	6092000	5752000	5607000	
10 PERCENT EXCEEDS	19500	18700	19400	
50 PERCENT EXCEEDS	6180	5490	3460	
90 PERCENT EXCEEDS	2010	1530	750	

RED RIVER BASIN

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07362000 OUACHITA RIVER AT CAMDEN--CONTINUED
WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1947-52, October 1974 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

		AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE PER (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
JAN 25.	1215	80513	80020	23100	48	7.0	7.0	15	8.4	69	64
FEB 13.	1200	80513	80020	4660	72	7.4	6.5	6.4	9.6	78	K9
MAY 01.	1345	80513	80020	5190	67	7.3	18.5	7.5	8.2	88	24
JUL 07.	0915	80513	80020	6530	82	7.2	25.5	40	6.6	80	150
		STREP- TOCOCCEI FECAL KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	HARD- NESS NONCARB DISSOLV FLD AS CACO3 (MG/L) (00904)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT DIS TOT FET FIELD MG/L AS CACO3 (00418)
JAN 25.	1215	54	17	4	4.9	1.1	2.7	25	0.3	1.0	14
FEB 13.	1200	K5	20	1	5.7	1.3	4.1	30	0.4	0.90	19
MAY 01.	1345	88	22	5	6.4	1.4	3.5	25	0.3	1.2	17
JUL 07.	0915	88	21	4	6.0	1.5	4.7	31	0.4	1.2	17
		CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	
JAN 25.	1215	0	16	13	4.6	3.1	<0.10	6.6	44	33	
FEB 13.	1200	0	23	19	6.0	4.8	<0.10	6.8	53	42	
MAY 01.	1345	0	21	17	7.3	4.1	<0.10	6.0	49	41	
JUL 07.	0915	0	21	17	5.4	6.1	<0.10	5.5	50	43	
		SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	
JAN 25.	1215	2740	0.06	--	<0.010	--	<0.050	<0.015	0.20	0.20	
FEB 13.	1200	667	0.07	0.170	0.010	0.180	0.180	0.050	--	<0.20	
MAY 01.	1345	687	0.07	--	<0.010	0.130	0.130	0.030	0.27	0.30	
JUL 07.	0915	882	0.07	--	<0.010	0.300	0.300	0.040	0.36	0.40	
		PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	
JAN 25.	1215	0.020	<0.010	<0.010	560	22	<3	230	<4	33	
FEB 13.	1200	0.020	<0.010	0.010	100	21	<3	300	<4	73	
MAY 01.	1345	0.040	0.010	0.010	90	25	<3	390	<4	54	
JUL 07.	0915	0.080	0.020	0.020	80	28	<3	300	<4	35	
		MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. # FINER THAN .062 MM (70331)	
JAN 25.	1215	<10	1	<1	<1.0	38	<6	18	1120	94	
FEB 13.	1200	20	<1	<1	<1.0	40	12	15	189	91	
MAY 01.	1345	<10	<1	<1	<1.0	51	8	20	280	98	
JUL 07.	0915	<10	<1	<1	<1.0	48	8	179	3160	72	

RED RIVER BASIN

07362100 SMACKOVER CREEK NEAR SMACKOVER

LOCATION.--Lat 33°22'33", long 92°46'37", in NW1/4SE1/4 sec.32, T.15 S., R.16 W., Union County, Hydrologic Unit 08040201, near right bank on downstream side of bridge on State Highway 7, 0.1 mi downstream from Camp Creek, 3.3 mi northwest of Smackover, and at mile 22.0.

DRAINAGE AREA.--385 mi².

PERIOD OF RECORD.--October 1961 to current year. Gage-height records collected and occasional discharge measurements made by U.S. Army Corps of Engineers at this site since September 1938. Daily stages 1940 to date and results of discharge measurements 1947 to 1960 are published in reports of U.S. Army Corps of Engineers.

REVISED RECORDS.--WRD Ark. 1967: 1965. WRD Ark. 1979: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 97.56 ft above sea level (levels by U.S. Army Corps of Engineers.) Prior to Mar. 1, 1989, water-stage recorder at site 100 ft downstream at same datum. Mar. 1, 1989 to Sept. 4, 1991, non-recording gage at same site and datum.

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

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1938, that of June 8, 1974.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.8	84	122	200	1080	1130	185	156	69	88	6.2	2.0
2	10	73	105	177	740	1340	166	157	84	172	6.4	2.0
3	14	67	92	163	523	1240	152	165	158	121	6.0	1.9
4	16	63	86	152	412	1090	158	208	124	63	5.7	1.8
5	13	64	83	144	345	902	210	368	82	96	5.2	2.3
6	12	128	84	247	300	898	266	413	60	191	4.7	2.5
7	12	174	84	639	272	1520	254	361	47	243	4.1	2.7
8	13	179	100	803	253	3280	217	407	41	203	3.9	2.8
9	22	140	188	768	237	4100	183	655	36	105	3.5	2.8
10	35	127	670	768	228	2850	155	743	32	64	3.2	2.8
11	53	168	1270	671	236	2070	780	649	36	45	3.0	2.8
12	62	229	1570	392	272	1570	1570	387	60	35	2.7	2.8
13	54	190	1540	425	303	1080	1660	203	69	28	2.7	3.3
14	48	148	1460	646	296	764	1340	160	61	23	3.1	3.2
15	44	140	1890	775	369	766	864	139	47	20	2.8	3.5
16	115	148	2780	777	550	802	349	122	37	18	3.0	3.7
17	566	140	4180	657	617	822	224	107	30	16	3.1	3.8
18	695	144	4180	1420	552	807	190	98	25	15	3.0	3.8
19	583	146	2750	3680	389	651	171	99	22	13	3.0	3.9
20	418	133	1950	5000	310	482	163	83	19	12	2.9	5.2
21	602	118	1460	3880	271	382	174	71	18	12	2.8	6.8
22	780	105	1060	2550	243	330	189	63	16	11	2.8	5.9
23	783	116	700	2000	223	288	1020	57	15	13	2.8	5.3
24	661	121	509	1590	216	255	2230	49	14	11	2.8	4.6
25	339	107	366	1210	211	226	1810	44	13	9.8	2.7	3.9
26	214	96	274	878	201	204	1410	40	12	8.8	2.5	4.1
27	216	92	228	1120	339	197	976	38	12	8.2	2.5	5.0
28	212	95	204	1560	703	206	407	37	14	7.6	2.2	4.5
29	171	103	196	1750	---	212	214	42	15	6.9	2.0	4.0
30	128	121	205	1630	---	203	173	61	34	6.5	2.0	3.7
31	101	---	216	1390	---	200	---	61	---	6.3	2.0	---
TOTAL	6999.8	3759	30602	38062	10691	30867	17860	6243	1302	1672.1	105.3	107.4
MEAN	226	125	987	1228	382	996	595	201	43.4	53.9	3.40	3.58
MAX	783	229	4180	5000	1080	4100	2230	743	158	243	6.4	6.8
MIN	7.8	63	83	144	201	197	152	37	12	6.3	2.0	1.8
AC-FT	13880	7460	60700	75500	21210	61220	35430	12380	2580	3320	209	213
CFSM	.59	.33	2.56	3.19	.99	2.59	1.55	.52	.11	.14	.01	.01
IN.	.68	.36	2.96	3.68	1.03	2.98	1.73	.60	.13	.16	.01	.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 1995, BY WATER YEAR (WY)

MEAN	118	261	577	625	818	822	728	529	440	130	45.3	100
MAX	1784	1143	1998	1980	2365	2467	4078	1701	2864	1949	346	2174
(WY)	1985	1975	1983	1962	1990	1990	1991	1966	1974	1989	1971	1974
MIN	1.66	11.1	33.5	55.9	80.4	112	90.6	58.2	8.91	1.81	1.78	1.58
(WY)	1984	1968	1982	1981	1964	1967	1971	1988	1972	1964	1969	1969

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1962 - 1995

	1994	1995	1962-1995
ANNUAL TOTAL	140405.6	148270.6	
ANNUAL MEAN	385	406	430
HIGHEST ANNUAL MEAN			1074
LOWEST ANNUAL MEAN			94.4
HIGHEST DAILY MEAN	4180	5000	33100
LOWEST DAILY MEAN	7.8	1.8	.00
ANNUAL SEVEN-DAY MINIMUM	8.3	2.0	.05
INSTANTANEOUS PEAK FLOW		5110	52700
INSTANTANEOUS PEAK STAGE		15.75	24.97
INSTANTANEOUS LOW FLOW		1.6	.00
ANNUAL RUNOFF (AC-FT)	278500	294100	311800
ANNUAL RUNOFF (CFSM)	1.00	1.06	1.12
ANNUAL RUNOFF (INCHES)	13.57	14.33	15.19
10 PERCENT EXCEEDS	1250	1220	1210
50 PERCENT EXCEEDS	121	144	96
90 PERCENT EXCEEDS	16	3.4	6.1

^aFrom rating curve extended above 31,000 ft³/s

^bNo flow part of day, also Aug. 24-27, 1978

07362587 ALUM FORK SALINE RIVER NEAR REFORM

LOCATION.--Lat 34°47'50", long 92°56'00", in NW1/4NE1/4 sec.29, T.2 N., R.18 W., Saline County, Hydrologic Unit 08040203, 100 ft above low-water bridge on forest road, 5.7 mi west of Reform.

DRAINAGE AREA.--27.0 mi².

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder.

REMARKS.--No estimated daily discharges. Water-discharge records good. Satellite telemeter at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.79	.34	21	12	43	20	17	200	125	.97	.00	.00
2	.75	.34	19	11	35	19	15	103	66	.96	.00	.00
3	.72	1.3	17	9.0	29	19	13	65	49	1.2	.00	.00
4	.65	63	15	9.6	24	18	25	48	38	1.3	.00	.00
5	.65	993	13	8.4	22	18	20	33	28	.38	.00	.00
6	.63	115	11	12	19	19	18	40	21	12	.00	.00
7	.60	53	9.3	19	18	411	16	67	17	4.8	.00	.00
8	.76	32	86	16	16	150	14	887	13	2.5	.00	.00
9	.84	735	595	15	14	83	12	218	9.7	1.4	.00	.00
10	.78	259	758	13	13	59	265	97	8.2	.93	.00	.00
11	.73	106	186	13	12	51	940	61	13	.68	.00	.00
12	.75	66	104	14	10	40	172	44	18	.46	.00	.00
13	.78	47	78	1290	9.1	33	90	33	11	.31	.00	.00
14	.80	37	60	256	9.6	208	60	26	7.0	.18	.00	.00
15	.80	80	48	125	16	351	43	20	5.1	.09	.00	.00
16	.84	79	321	86	16	134	32	17	4.1	.08	.00	.00
17	.80	59	169	73	14	87	26	14	3.3	.06	.00	.00
18	.81	43	100	210	12	63	41	27	2.8	.04	.00	.00
19	.73	34	63	235	11	49	29	20	2.4	.02	.00	.00
20	.62	37	63	126	11	38	119	13	2.1	.00	.00	.00
21	.56	54	61	89	9.8	30	73	9.5	1.8	.00	.00	.00
22	.55	39	49	71	8.6	25	50	7.3	1.6	.00	.00	.00
23	.54	31	41	50	7.7	22	60	5.5	1.4	.00	.00	.00
24	.48	27	35	46	6.9	18	51	4.8	1.3	.00	.00	.00
25	.44	23	29	56	6.1	16	40	19	1.2	.01	.00	.00
26	.39	21	25	53	9.9	21	31	47	1.1	.00	.00	.00
27	.38	41	22	106	23	50	24	77	1.0	.00	.00	.00
28	.37	35	19	90	22	29	20	162	.95	.00	.00	.00
29	.37	29	18	70	---	24	17	63	.92	.00	.00	.00
30	.35	23	16	61	---	21	19	38	.99	.00	.00	.00
31	.34	---	15	44	---	19	---	99	---	.00	.00	---
TOTAL	19.60	3162.98	3066.3	3289.0	447.7	2145	2352	2565.1	455.96	65.99	0.00	0.00
MEAN	.63	105	98.9	106	16.0	69.2	78.4	82.7	15.2	2.13	.000	.000
MAX	.84	993	758	1290	43	411	940	887	125	.38	.00	.00
MIN	.34	34	9.3	8.4	6.1	16	12	4.8	.92	.00	.00	.00
AC-FT	.39	6270	6080	6520	888	4250	4670	5090	904	131	.00	.00
CFSM	.02	3.90	3.66	3.93	.59	2.56	2.90	3.06	.56	.08	.00	.00
IN.	.03	4.36	4.22	4.53	.62	2.96	3.24	3.53	.63	.09	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1995, BY WATER YEAR (WY)

	MEAN	23.2	61.0	149	80.3	68.5	99.5	110	72.1	18.1	6.89	3.58	2.16
MAX	60.5	146	336	135	145	265	296	157	61.5	24.0	18.3	8.57	
(WY)	1991	1992	1991	1991	1990	1990	1991	1990	1992	1994	1994	1994	
MIN	.55	2.22	1.37	38.7	16.0	39.1	8.10	1.18	2.39	.042	.000	.000	
(WY)	1993	1990	1990	1992	1995	1991	1992	1991	1991	1991	1991	1995	

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1989 - 1995

ANNUAL TOTAL	18436.28	17569.63	57.9	
ANNUAL MEAN	50.5	48.1	84.8	1991
HIGHEST ANNUAL MEAN			44.4	1993
LOWEST ANNUAL MEAN			5800	Dec 21 1990
HIGHEST DAILY MEAN	1080	May 13		Aug 21 1990
LOWEST DAILY MEAN	.34	Oct 31	.00	Aug 21 1990
ANNUAL SEVEN-DAY MINIMUM	.36	Oct 27	.00	Aug 21 1990
INSTANTANEOUS PEAK FLOW			a3410	May 8
INSTANTANEOUS PEAK STAGE			10.55	May 8
INSTANTANEOUS LOW FLOW			.00	at times
ANNUAL RUNOFF (AC-FT)	36570	34850	41940	
ANNUAL RUNOFF (CFSM)	1.87	1.78	2.14	
ANNUAL RUNOFF (INCHES)	25.40	24.21	29.13	
10 PERCENT EXCEEDS	104	93	108	
50 PERCENT EXCEEDS	15	14	10	
90 PERCENT EXCEEDS	.88	.00	.04	

^aFrom rating curve extended above 262 ft³/s on basis of step-backwater computations

^bFrom floodmark

RED RIVER BASIN

07362587 ALUM FORK SALINE RIVER NEAR REFORM--CONTINUED
WATER-QUALITY RECORDS

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

		AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	MOIS-TURE CONTENT DRY WT. (% OF TOTAL) (00495)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	TUR-BID-ITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)
DEC 27...	0930	80513	80020	16	20	6.1	5.0	749	15	3.8	13.9
JAN 13...	1000	80513	80020	--	20	6.3	11.5	740	--	--	9.8
MAR 07...	0945	80513	80020	--	24	6.3	10.0	740	120	59	10.5
MAY 08...	0900	80513	81213	--	21	6.3	15.0	737	80	52	--
AUG 14...	1115	80513	81213	24	32	5.2	29.0	755	5	3.2	5.0
		OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	STREP-TOCOCCI, KF AGAR (COLS. PER 100 ML) (31673)	HARD-NESS TOTAL (MG/L AS CAC03) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)
DEC 27...	0930	110	71	26	6	0.89	0.84	0.90	25	0.2	0.20
JAN 13...	1000	93	K1200	4700	--	--	--	--	--	--	--
MAR 07...	0945	96	970	6000	6	1.2	0.80	0.80	20	0.1	0.50
MAY 08...	0900	--	K1200	22000	7	1.4	0.80	0.80	19	0.1	0.60
AUG 14...	1115	66	K4	K86	16	2.6	2.2	1.7	19	0.2	0.50
		ALKA-LINITY WAT WH TOT FET FIELD (MG/L AS CAC03) (00410)	SULFATE DIS-SOLVED (MG/L AS S04) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRATE TOTAL (MG/L AS N) (00620)	
DEC 27...	0930	--	1.5	1.2	<0.10	5.6	18	14	0.02	--	
JAN 13...	1000	6	--	--	--	--	--	--	--	--	
MAR 07...	0945	7	2.3	0.80	<0.10	3.9	44	15	0.06	0.037	
MAY 08...	0900	6	1.8	0.60	<0.10	3.7	42	15	0.06	0.214	
AUG 14...	1115	18	0.80	1.3	0.10	3.0	32	23	0.04	0.031	
		NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS N) (00618)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO2) (71856)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS N) (00630)	NITRO-GEN, NO2+N03 DIS-SOLVED TOTAL (MG/L AS N) (00631)	NITRO-GEN, NO2+N03 DIS-SOLVED TOTAL (MG/L AS N) (00633)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, NH4 TOTAL IN BOT. MAT. (MG/KG AS N) (00611)	
DEC 27...	0930	--	--	<0.001	--	--	<0.005	<2.0	0.002	2.1	
JAN 13...	1000	--	--	<0.001	--	--	<0.005	--	0.006	--	
MAR 07...	0945	0.037	0.16	0.007	0.02	0.044	0.044	--	0.510	--	
MAY 08...	0900	0.214	0.95	0.006	0.02	0.220	0.220	--	0.052	--	
AUG 14...	1115	0.031	0.14	0.002	0.01	0.033	0.033	3.0	0.018	3.5	
		NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4) (71846)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN, ORGANIC DIS-SOLVED (MG/L AS N) (00607)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS-SOLVED (MG/L AS N) (00623)	NITRO-GEN, NH4 + ORG. TOT IN BOT MAT (MG/KG AS N) (00626)	NITRO-GEN, DIS-SOLVED (MG/L AS N) (00602)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	
DEC 27...	0930	0.00	--	--	<0.20	<0.20	450	--	--	0.004	
JAN 13...	1000	0.01	0.39	0.39	0.40	0.40	--	--	0.40	0.033	
MAR 07...	0945	0.66	0.69	0.47	1.2	0.98	--	1.0	1.2	0.080	
MAY 08...	0900	0.07	0.85	0.37	0.90	0.42	--	0.64	1.1	0.070	
AUG 14...	1115	0.02	0.33	--	0.35	--	410	--	0.38	0.014	
		PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS P04) (00660)	PHOS-PHORUS TOTAL IN BOT. MAT. (MG/KG AS P) (00668)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE) (01045)	IRON, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS FE) (01170)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)	
DEC 27...	0930	0.00	220	0.002	0.001	1.2	52	120	24000	<10	
JAN 13...	1000	0.00	--	0.012	0.001	15	--	--	--	--	
MAR 07...	0945	0.03	--	0.020	0.010	14	200	1300	--	96	
MAY 08...	0900	0.06	--	0.020	0.020	20	230	820	--	67	
AUG 14...	1115	0.00	170	--	0.001	3.7	120	320	16000	55	

RED RIVER BASIN

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07362587 ALUM FORK SALINE RIVER NEAR REFORM--CONTINUED
 WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G) (01053)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/G AS HG) (71921)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDED TOTAL (MG/L AS C) (00689)	CARBON, INOR- GANIC, TOT IN BOT MAT (G/KG AS C) (00686)	CARBON, INORG + ORGANIC TOT IN BOT MAT (GM/KG AS C) (00693)	SEDI- MENT, SUS- PENDED (MG/L) (80154)
DEC 27...	0930	3	120	<0.10	0.02	1.1	0.1	<0.1	5.7	2
JAN 13...	1000	--	--	--	--	12	1.1	--	--	26
MAR 07...	0945	13	--	<0.10	--	9.2	2.5	--	--	40
MAY 08...	0900	22	--	<0.10	--	11	3.4	--	--	75
AUG 14...	1115	7	<10	0.10	0.01	3.1	0.3	<0.1	2.6	--

RED RIVER BASIN

07362588 LAKE WINONA DOWNSTREAM FROM STILLHOUSE CREEK NEAR REFORM

LOCATION.--Lat 34°48'28", long 92°54'06", in NE1/4 sec.22, T.2 N., R.18 W., Saline County, Hydrologic Unit 08040203, 0.5 mi downstream from Stillhouse Creek, and 3.4 mi upstream from dam.

PERIOD OF RECORD.--May 1989 to August 1990. December 1994 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SAMPLE MID- POINT (FEET) (81909)	MOIS- TURE CONTENT DRY WT. (% OF TOTAL) (00495)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)
DEC										
27.	1311	80513	80513	0.0	25.0	--	--	21	6.0	9.0
27.	1312	80513	80020	3.00	25.0	3.00	--	22	6.0	9.0
27.	1313	80513	80513	5.00	25.0	--	--	21	6.0	9.0
27.	1314	80513	80513	10.0	25.0	--	--	22	6.0	8.5
27.	1315	80513	80020	15.0	25.0	10.0	--	22	6.0	8.5
27.	1316	80513	80513	20.0	25.0	--	--	22	5.9	8.5
27.	1317	80513	80513	25.0	25.0	--	--	21	5.9	8.0
27.	1320	80513	80020	--	25.0	--	51	--	--	--
MAY										
11.	1232	80513	80513	0.30	27.0	--	--	19	6.0	19.5
11.	1233	80513	80513	3.00	27.0	--	--	19	5.9	19.0
11.	1234	80513	81213	5.00	27.0	5.00	--	19	5.9	19.0
11.	1235	80513	80513	6.00	27.0	--	--	19	5.9	18.0
11.	1238	80513	80513	10.1	27.0	--	--	18	5.7	17.5
11.	1239	80513	80513	15.1	27.0	--	--	19	5.7	17.0
11.	1241	80513	80513	19.0	27.0	--	--	19	5.6	16.0
11.	1242	80513	80513	20.0	27.0	--	--	19	5.6	16.0
11.	1243	80513	81213	24.8	27.0	25.0	--	19	5.5	16.0
11.	1244	80513	80513	26.8	27.0	--	--	19	5.5	15.5
AUG										
16.	1124	80513	80513	0.30	18.0	--	--	21	6.0	31.0
16.	1125	80513	81213	3.00	18.0	3.00	--	21	6.1	30.5
16.	1126	80513	80513	5.00	18.0	--	--	21	6.1	30.0
16.	1127	80513	80513	10.0	18.0	--	--	21	5.9	29.5
16.	1128	80513	80513	13.1	18.0	--	--	21	5.6	29.0
16.	1129	80513	80513	14.0	18.0	--	--	21	5.5	28.0
16.	1130	80513	80020	15.1	18.0	--	66	21	5.3	26.5
16.	1131	80513	80513	16.0	18.0	--	--	22	5.2	25.0
16.	1132	80513	80513	17.0	18.0	--	--	22	5.2	23.5
16.	1133	80513	80513	17.9	18.0	--	--	24	5.2	21.5
DATE	TIME	BARO- METRIC PRES- SURE (MM HG) (00025)	COLOR (PLAT- INUM- COBALT OF UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	TRANS- PAR- ENCY (SECCHI DISK) (IN) (00077)	TRANS- PAR- ENCY (SECCHI DISK) (IN) (00078)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI, FECAL, KF AGAR (COLS. PER 100 ML) (31673)
DEC										
27.	1311	749	--	--	90.0	2.30	11.7	103	--	--
27.	1312	749	--	--	--	--	11.3	100	--	--
27.	1313	749	--	--	--	--	11.2	98	--	--
27.	1314	749	--	--	--	--	11.0	96	--	--
27.	1315	749	20	3.1	--	--	11.0	95	K5	K1
27.	1316	749	--	--	--	--	10.9	95	--	--
27.	1317	749	--	--	--	--	10.9	94	--	--
27.	1320	749	--	--	--	--	--	--	--	--
MAY										
11.	1232	745	--	--	42.0	1.10	11.4	126	--	--
11.	1233	745	--	--	--	--	11.1	123	--	--
11.	1234	745	30	5.6	--	--	11.0	121	36	K14
11.	1235	745	--	--	--	--	10.9	118	--	--
11.	1238	745	--	--	--	--	10.7	115	--	--
11.	1239	745	--	--	--	--	10.3	108	--	--
11.	1241	745	--	--	--	--	10.1	105	--	--
11.	1242	745	--	--	--	--	10.1	105	--	--
11.	1243	745	80	12	--	--	9.9	102	K270	390
11.	1244	745	--	--	--	--	9.3	95	--	--
AUG										
16.	1124	745	--	--	120	3.00	7.1	97	--	--
16.	1125	745	5	1.0	--	--	7.1	96	<1	<1
16.	1126	745	--	--	--	--	7.0	96	--	--
16.	1127	745	--	--	--	--	6.0	81	--	--
16.	1128	745	--	--	--	--	5.2	69	--	--
16.	1129	745	--	--	--	--	4.6	60	--	--
16.	1130	745	--	--	--	--	2.4	30	--	--
16.	1131	745	--	--	--	--	1.4	17	--	--
16.	1132	745	--	--	--	--	0.4	4	--	--
16.	1133	745	--	--	--	--	0.2	3	--	--
DATE	TIME	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)
DEC										
27.	1315	7	1.4	0.82	0.80	19	0.1	0.50	4	1.6
MAY										
11.	1234	6	1.2	0.80	1.0	25	0.2	0.30	7	2.3
11.	1243	6	1.2	0.80	1.0	25	0.2	0.30	6	2.2
AUG										
16.	1125	7	1.4	0.90	0.90	20	0.1	0.60	7	2.1
DATE	TIME	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)
DEC										
27.	1315	1.0	<0.10	4.0	20	13	0.03	0.020	--	--
MAY										
11.	1234	0.90	<0.10	2.8	24	14	0.03	0.036	0.036	0.16
11.	1243	0.80	<0.10	3.8	34	15	0.05	0.147	0.147	0.65
AUG										
16.	1125	1.0	0.10	1.7	26	13	0.03	0.001	0.001	0.00

RED RIVER BASIN

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07362588 LAKE WINONA DOWNSTREAM FROM STILLHOUSE CREEK NEAR REFORM--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

		NITRO- GEN NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN NO2+NO3 TOT. IN BOT MAT (MG/KG AS N) (00633)	NITRO- GEN AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NH4 TOTAL IN BOT. MAT. (MG/KG AS N) (00611)	NITRO- GEN AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN ORGANIC TOTAL (MG/L AS N) (00605)
DATE	TIME									
DEC										
27.	1315	<0.001	--	0.020	0.020	--	0.014	--	0.02	--
27.	1320	--	--	--	--	5.0	--	31	--	--
MAY										
11.	1234	0.001	0.00	0.037	0.037	--	0.022	--	0.03	0.21
11.	1243	0.003	0.01	0.150	0.150	--	0.054	--	0.07	0.25
AUG										
16.	1125	0.001	0.00	0.002	0.002	--	0.004	--	0.01	0.30
16.	1130	--	--	--	--	4.0	--	57	--	--
DATE	TIME	NITRO- GEN ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	NITRO- GEN, NH4 + ORG. TOT IN BOT MAT (MG/KG AS N) (00626)	NITRO- GEN DIS- SOLVED (MG/L AS N) (00602)	NITRO- GEN TOTAL (MG/L AS N) (00600)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS P) (00660)	PHOS- PHORUS TOTAL IN BOT. MAT. (MG/KG AS P) (00668)
DEC										
27.	1315	--	<0.20	<0.20	--	--	--	0.007	0.01	--
27.	1320	--	--	--	2500	--	--	--	--	480
MAY										
11.	1234	--	0.23	<0.20	--	--	0.27	0.010	0.00	--
11.	1243	0.18	0.30	0.23	--	0.38	0.45	0.020	0.00	--
AUG										
16.	1125	--	0.30	--	--	--	0.30	0.008	0.00	--
16.	1130	--	--	--	3200	--	--	--	--	420
DATE	TIME	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, RECOV- FM BOT- TOM MA- TERIAL (UG/G AS FE) (01170)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MANGA- NESE, FM BOT- TOM MA- TERIAL (UG/G) (01053)
DEC										
27.	1315	0.004	0.002	3.9	120	220	--	70	63	--
27.	1320	--	--	--	--	--	29000	--	--	200
MAY										
11.	1234	0.006	0.001	4.9	73	170	--	21	4	--
11.	1243	0.010	0.001	6.8	120	260	--	26	18	--
AUG										
16.	1125	--	0.001	4.2	42	140	--	33	1	--
16.	1130	--	--	--	--	--	16000	--	--	<10
DATE	TIME	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MERCURY RECOV- FM BOT- TOM MA- TERIAL (UG/G AS HG) (71921)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDED TOTAL (MG/L AS C) (00689)	CARBON, INOR- GANIC, TOT IN BOT MAT (G/KG AS C) (00686)	CARBON, INOR- GANIC TOT. IN BOT MAT (GM/KG AS C) (00693)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	
DEC										
27.	1312	--	--	--	--	--	--	<0.100	0.600	
27.	1315	<0.10	--	3.4	0.2	--	--	--	--	
27.	1320	--	0.04	--	--	<0.1	51	--	--	
MAY										
11.	1234	<0.10	--	3.9	0.4	--	--	--	--	
11.	1243	<0.10	--	5.6	0.4	--	--	--	--	
AUG										
16.	1125	0.10	--	3.8	0.3	--	--	0.100	2.00	
16.	1130	--	0.06	--	--	<0.1	41	--	--	

RED RIVER BASIN

07362589 LAKE WINONA DOWNSTREAM FROM GILLIS BRANCH NEAR REFORM

LOCATION.--Lat 34°48'16", long 92°51'16", in SE1/4 sec.24, T.2 N., R.18 W., Saline County, Hydrologic Unit 08040203, 0.1 mi downstream from Gillis Branch, and 1.3 mi upstream from dam.

PERIOD OF RECORD.--May 1989 to August 1990. December 1994 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SAMPLE MID- POINT (FEET) (81909)	MOIS- TURE CONTENT DRY WT. (% OF TOTAL) (00495)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	BARO- METRIC PRES- SURE OF (MM HG) (00025)
DEC											
27.	1224	80513	80513	0.0	45.0	--	--	23	5.9	10.0	749
27.	1225	80513	80513	3.00	45.0	--	--	23	5.9	9.5	749
27.	1226	80513	80513	5.00	45.0	--	--	23	6.0	9.5	749
27.	1227	80513	80020	10.0	45.0	10.0	--	22	6.0	9.0	749
27.	1228	80513	80513	10.0	45.0	--	--	22	6.0	9.0	749
27.	1229	80513	80513	20.0	45.0	--	--	22	5.9	9.0	749
27.	1230	80513	80513	25.0	45.0	--	--	22	5.9	9.0	749
27.	1231	80513	80513	30.0	45.0	--	--	22	6.0	9.0	749
27.	1232	80513	80020	35.0	45.0	35.0	--	22	5.9	9.0	749
27.	1233	80513	80513	40.0	45.0	--	--	22	5.9	9.0	749
27.	1234	80513	80513	45.0	45.0	--	--	22	5.9	9.0	749
27.	1235	80513	80513	48.0	45.0	--	--	22	6.0	9.0	749
27.	1236	80513	80020	--	45.0	--	32	--	--	--	749
MAY											
11.	1057	80513	80513	0.40	45.0	--	--	19	6.1	19.5	745
11.	1058	80513	80513	3.00	45.0	--	--	19	6.1	19.5	745
11.	1059	80513	81213	4.90	45.0	5.00	--	19	6.1	19.0	745
11.	1100	80513	80513	9.90	45.0	--	--	19	6.1	19.0	745
11.	1101	80513	80513	14.8	45.0	--	--	19	6.0	19.0	745
11.	1103	80513	80513	17.0	45.0	--	--	19	5.9	18.5	745
11.	1104	80513	80513	18.0	45.0	--	--	19	5.8	17.0	745
11.	1106	80513	80513	18.9	45.0	--	--	19	5.7	16.0	745
11.	1107	80513	80513	20.0	45.0	--	--	19	5.7	16.0	745
11.	1108	80513	80513	23.0	45.0	--	--	18	5.5	15.0	745
11.	1110	80513	80513	25.0	45.0	--	--	19	5.6	14.5	745
11.	1111	80513	80513	27.0	45.0	--	--	19	5.6	14.0	745
11.	1112	80513	80513	28.1	45.0	--	--	19	5.6	13.5	745
11.	1114	80513	80513	29.0	45.0	--	--	19	5.6	12.5	745
11.	1115	80513	80513	29.9	45.0	--	--	19	5.6	12.0	745
11.	1116	80513	80513	32.0	45.0	--	--	19	5.6	11.0	745
11.	1117	80513	80513	35.1	45.0	--	--	18	5.6	10.5	745
11.	1118	80513	80513	39.0	45.0	--	--	18	5.7	9.5	745
11.	1119	80513	81213	39.9	45.0	40.0	--	19	5.6	9.5	745
11.	1120	80513	80513	44.8	45.0	--	--	18	5.7	9.0	745
DATE	TIME	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	TRANS- PAR- ENCY (SECCHI DISK) (IN) (00077)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	OXYGEN, DIS- SOLVED (PER- CENT) SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED (PER- CENT) SATUR- ATION) (00301)	COLI- FORM- FECAL, UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS./ PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)
DEC											
27.	1224	--	--	96.0	2.80	10.7	96	K4	K1	--	--
27.	1225	--	--	--	--	10.6	95	--	--	--	--
27.	1226	--	--	--	--	10.2	91	--	--	--	--
27.	1227	20	2.3	--	--	10.4	91	K4	K1	7	1.3
27.	1228	--	--	--	--	10.4	91	--	--	--	--
27.	1229	--	--	--	--	10.4	92	--	--	--	--
27.	1230	--	--	--	--	10.5	92	--	--	--	--
27.	1231	--	--	--	--	10.4	92	--	--	--	--
27.	1232	20	2.4	--	--	10.4	92	K6	K2	7	1.3
27.	1233	--	--	--	--	10.4	91	--	--	--	--
27.	1234	--	--	--	--	10.4	91	--	--	--	--
27.	1235	--	--	--	--	10.3	91	--	--	--	--
MAY											
11.	1057	--	--	62.0	1.60	11.2	125	--	--	--	--
11.	1058	--	--	--	--	11.3	125	--	--	--	--
11.	1059	<5	3.5	--	--	11.3	125	K8	K2	6	1.2
11.	1100	--	--	--	--	11.1	122	--	--	--	--
11.	1101	--	--	--	--	11.1	122	--	--	--	--
11.	1103	--	--	--	--	10.6	116	--	--	--	--
11.	1104	--	--	--	--	9.9	104	--	--	--	--
11.	1106	--	--	--	--	9.9	103	--	--	--	--
11.	1107	--	--	--	--	9.9	102	--	--	--	--
11.	1108	--	--	--	--	9.9	101	--	--	--	--
11.	1110	--	--	--	--	9.5	95	--	--	--	--
11.	1111	--	--	--	--	9.2	92	--	--	--	--
11.	1112	--	--	--	--	9.0	88	--	--	--	--
11.	1114	--	--	--	--	9.1	88	--	--	--	--
11.	1115	--	--	--	--	9.2	88	--	--	--	--
11.	1116	--	--	--	--	9.5	88	--	--	--	--
11.	1117	--	--	--	--	9.7	89	--	--	--	--
11.	1118	--	--	--	--	10.0	90	--	--	--	--
11.	1119	10	2.9	--	--	10.0	90	K9	K9	6	1.1
11.	1120	--	--	--	--	10.1	89	--	--	--	--
DATE	TIME	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)
DEC											
27.	1227	0.85	0.80	19	0.1	0.40	6	1.7	1.0	<0.10	3.9
27.	1232	0.87	0.80	19	0.1	0.40	5	1.6	1.0	<0.10	3.9
MAY											
11.	1059	0.80	1.0	25	0.2	0.30	7	2.3	1.0	<0.10	2.4
11.	1119	0.80	0.90	23	0.2	0.30	6	2.4	1.0	<0.10	3.4

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WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

		SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONST- TENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)
DATE	TIME										
DEC											
27.	1227	24	14	0.03	0.027	--	--	<0.001	--	0.027	0.027
27.	1232	26	14	0.03	0.029	--	--	<0.001	--	0.029	0.029
MAY											
11.	1059	20	13	0.03	0.007	0.007	0.03	0.002	0.01	0.009	0.009
11.	1119	20	14	0.03	0.055	0.055	0.24	0.002	0.01	0.057	0.057
		NITRO- GEN, NO2+NO3 TOT. IN BOT MAT (MG/KG AS N) (00633)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NH4 TOTAL IN BOT. MAT. (MG/KG AS N) (00611)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	NITRO- GEN, NH4 + ORG. TOT IN BOT MAT (MG/KG AS N) (00626)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00600)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)
DATE	TIME										
DEC											
27.	1227	--	0.016	--	0.02	--	<0.20	<0.20	--	--	0.009
27.	1232	--	0.016	--	0.02	--	<0.20	<0.20	--	--	0.006
27.	1236	4.0	--	30	--	--	--	--	1300	--	--
MAY											
11.	1059	--	0.026	--	0.03	0.24	0.27	<0.20	--	0.28	0.010
11.	1119	--	0.054	--	0.07	0.17	0.22	<0.20	--	0.28	0.007
		PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS P04) (00660)	PHOS- PHORUS TOTAL IN BOT. MAT. (MG/KG AS P) (00668)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, FM BOT- TOM MA- TERIAL (UG/G AS FE) (01170)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)
DATE	TIME										
DEC											
27.	1227	0.00	--	0.003	0.001	3.9	150	290	--	160	150
27.	1232	0.00	--	0.003	0.001	4.0	170	290	--	160	150
27.	1236	--	670	--	--	--	--	--	31000	--	--
MAY											
11.	1059	--	--	0.006	<0.001	4.0	56	130	--	14	2
11.	1119	--	--	0.005	<0.001	3.8	67	120	--	17	12
		MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G) (01053)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/G AS HG) (71921)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDED TOTAL (MG/L AS C) (00689)	CARBON, INOR- GANIC, TOT IN BOT MAT (G/KG AS C) (00686)	CARBON, INORG. + ORGANIC TOT. IN BOT MAT (GM/KG AS C) (00693)	CHLOR-B PHYO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	CHLOR-A PHYO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	
DATE	TIME										
DEC											
27.	1225	--	--	--	--	--	--	--	<0.100	0.600	
27.	1227	--	<0.10	--	3.6	0.3	--	--	--	--	
27.	1232	--	<0.10	--	3.6	0.2	--	--	--	--	
27.	1236	510	--	0.09	--	--	<0.1	35	--	--	
MAY											
11.	1059	--	<0.10	--	3.6	0.5	--	--	--	--	
11.	1119	--	<0.10	--	3.4	0.2	--	--	--	--	
		AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SAMPLE MID- POINT (FEET) (81909)	MOIS- TURE CONTENT DRY WT. (% OF TOTAL) (00495)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	BARO- METRIC PRES- SURE (MM OF HG) (00025)
DATE	TIME										
AUG											
16.	0953	80513	80513	0.40	40.0	--	--	21	6.0	30.5	745
16.	0954	80513	81213	3.00	40.0	3.00	--	21	6.2	30.5	745
16.	0955	80513	80513	5.00	40.0	--	--	21	6.3	30.5	745
16.	0956	80513	80513	10.0	40.0	--	--	21	6.3	30.0	745
16.	0957	80513	80513	12.0	40.0	--	--	21	6.1	29.5	745
16.	0958	80513	80513	13.0	40.0	--	--	21	5.8	28.5	745
16.	0959	80513	80513	14.0	40.0	--	--	21	5.6	27.0	745
16.	1000	80513	80513	15.0	40.0	--	--	20	5.4	25.5	745
16.	1001	80513	80513	16.0	40.0	--	--	20	5.3	24.0	745
16.	1002	80513	80513	17.0	40.0	--	--	20	5.2	22.5	745
16.	1003	80513	80513	18.0	40.0	--	--	20	5.2	20.0	745
16.	1004	80513	80513	19.0	40.0	--	--	20	5.2	18.5	745
16.	1005	80513	80513	20.0	40.0	--	--	21	5.2	17.0	745
16.	1006	80513	80513	21.0	40.0	--	--	21	5.2	15.5	745
16.	1007	80513	80513	22.0	40.0	--	--	20	5.3	14.5	745
16.	1008	80513	80513	24.0	40.0	--	--	21	5.4	14.0	745
16.	1009	80513	80513	25.0	40.0	--	--	21	5.4	13.0	745
16.	1010	80513	80513	27.1	40.0	--	--	21	5.4	12.5	745
16.	1011	80513	80513	30.1	40.0	--	--	21	5.4	11.5	745
16.	1012	80513	81213	35.0	40.0	35.0	--	21	5.5	10.5	745
16.	1013	80513	80513	39.1	40.0	--	--	21	5.6	10.0	745
16.	1015	80513	80020	--	--	--	67	--	--	--	--

RED RIVER BASIN

07362589 LAKE WINONA DOWNSTREAM FROM GILLIS BRANCH NEAR REFORM--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

		COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	TRANS- PAR- ENCY (SECCHI DISK) (IN) (00077)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOC- KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)
DATE	TIME										
AUG	16. 0953	--	--	180	4.60	7.2	98	--	--	--	--
16. 0954		5	0.90	--	--	7.1	97	K3	<1	7	1.4
16. 0955		--	--	--	--	7.1	97	--	--	--	--
16. 0956		--	--	--	--	7.1	96	--	--	--	--
16. 0957		--	--	--	--	6.6	89	--	--	--	--
16. 0958		--	--	--	--	6.4	84	--	--	--	--
16. 0959		--	--	--	--	5.7	73	--	--	--	--
16. 1000		--	--	--	--	4.8	60	--	--	--	--
16. 1001		--	--	--	--	3.6	43	--	--	--	--
16. 1002		--	--	--	--	2.0	24	--	--	--	--
16. 1003		--	--	--	--	1.6	18	--	--	--	--
16. 1004		--	--	--	--	1.0	11	--	--	--	--
16. 1005		--	--	--	--	0.9	10	--	--	--	--
16. 1006		--	--	--	--	0.8	9	--	--	--	--
16. 1007		--	--	--	--	1.2	10	--	--	--	--
16. 1008		--	--	--	--	1.2	12	--	--	--	--
16. 1009		--	--	--	--	1.6	15	--	--	--	--
16. 1010		--	--	--	--	1.8	17	--	--	--	--
16. 1011		--	--	--	--	2.0	19	--	--	--	--
16. 1012		20	2.6	--	--	2.5	23	<1	<1	7	1.4
16. 1013		--	--	--	--	2.7	25	--	--	--	--
DATE	TIME	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)
AUG	16. 0954	0.80	0.90	21	0.2	0.40	7	2.1	1.0	<0.10	1.6
16. 1012		0.90	1.0	22	0.2	0.40	7	2.3	1.0	0.10	4.0
DATE	TIME	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)
AUG	16. 0954	30	12	0.04	--	--	--	0.001	0.00	--	<0.002
16. 1012		38	16	0.05	0.094	0.094	0.42	0.001	0.00	0.095	0.095
DATE	TIME	NITRO- GEN, NO2+NO3 TOT. IN BOT MAT (MG/KG AS N) (00633)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NH4 TOTAL IN BOT. (MG/KG AS N) (00611)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AM- MONIA + ORG. ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NH4 + ORG. TOT IN BOT MAT (MG/KG AS N) (00626)	NITRO- GEN, TOTAL BOT MAT (MG/L AS N) (00600)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	
AUG	16. 0954	--	0.004	--	0.01	0.24	0.24	--	0.24	0.006	
16. 1012		--	0.006	--	0.01	0.21	0.22	--	0.32	0.005	
16. 1015		5.0	--	42	--	--	--	2600	--	--	
DATE	TIME	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL IN BOT. MAT. (MG/KG AS P) (00668)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS FE) (01170)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	
AUG	16. 0954	--	--	<0.001	3.5	15	60	--	18	2	
16. 1012		0.00	--	0.001	3.7	290	510	--	470	460	
16. 1015		--	510	--	--	--	--	16000	--	--	
DATE	TIME	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G) (01053)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/G AS HG) (71921)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDE- D TOTAL (MG/L AS C) (00689)	CARBON, INOR- GANIC, TOT IN BOT MAT (G/KG AS C) (00686)	CARBON, INOR- GANIC TOT. IN BOT MAT (GM/KG AS C) (00693)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	
AUG	16. 0954	--	<0.10	--	3.7	0.3	--	--	<0.100	1.00	
16. 1012		--	0.10	--	3.6	0.2	--	--	--	--	
16. 1015		<10	--	0.05	--	--	<0.1	32	--	--	

RED RIVER BASIN

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07362590 LAKE WINONA AT REFORM

LOCATION.--Lat 34°47'51", long 92°50'43", in SE1/4SE1/4 sec.19, T.2 N., R.17 W., Saline County, Hydrologic Unit 08040203, at dam on Lake Winona at Reform.

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SAMPLE MID- POINT (FEET) (81909)	MOIS- TURE CONTENT DRY WT. (% OF TOTAL) (00495)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	BARO- METRIC PRES- SURE (MM OF HG) (00025)
DEC											
27...	1110	80513	80020	0.0	90.0	--	--	22	6.0	9.0	749
27...	1112	80513	80020	3.00	90.0	3.00	--	22	6.1	9.0	749
27...	1113	80513	80020	5.00	90.0	--	--	23	6.0	9.0	749
27...	1114	80513	80020	10.0	90.0	--	--	23	6.0	9.0	749
27...	1115	80513	80020	15.0	90.0	--	--	23	6.0	9.0	749
27...	1125	80513	80020	18.0	90.0	18.0	--	22	6.0	9.0	749
27...	1126	80513	80020	20.0	90.0	--	--	23	5.9	9.0	749
27...	1127	80513	80020	25.0	90.0	--	--	24	5.9	9.0	749
27...	1128	80513	80020	30.0	90.0	--	--	22	5.9	9.0	749
27...	1129	80513	80020	35.0	90.0	--	--	22	5.9	9.0	749
27...	1130	80513	80020	40.0	90.0	--	--	22	5.9	9.0	749
27...	1131	80513	80020	45.0	90.0	--	--	22	5.9	9.0	749
27...	1132	80513	80020	50.0	90.0	--	--	22	5.9	9.0	749
27...	1133	80513	80020	55.0	90.0	--	--	22	5.9	9.0	749
27...	1134	80513	80020	60.0	90.0	--	--	22	5.9	9.0	749
27...	1135	80513	80020	65.0	90.0	--	--	22	5.9	9.0	749
27...	1136	80513	80020	70.0	90.0	--	--	23	6.0	9.0	749
27...	1140	80513	80020	72.0	90.0	72.0	--	23	6.0	9.0	749
27...	1141	80513	80020	75.0	90.0	--	--	23	6.0	9.0	749
27...	1142	80513	80020	80.0	90.0	--	--	22	5.9	9.0	749
27...	1143	80513	80020	82.0	90.0	--	--	22	5.9	9.0	749
27...	1150	80513	80020	--	90.0	--	37	--	--	--	749

DATE	TIME	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	TRANS- PAR- ENCY (SECCHI DISK) (IN) (00077)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (MG/L) (00301)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCHI KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL AS CAC03 (00900)
DEC										
27...	1110	--	--	96.0	2.80	10.5	92	K3	K1	--
27...	1112	--	--	--	--	10.4	92	--	--	--
27...	1113	--	--	--	--	10.1	89	--	--	--
27...	1114	--	--	--	--	10.0	88	--	--	--
27...	1115	--	--	--	--	10.0	88	--	--	--
27...	1125	20	2.4	--	--	9.9	88	--	--	7
27...	1126	--	--	--	--	9.9	87	--	--	--
27...	1127	--	--	--	--	9.9	87	--	--	--
27...	1128	--	--	--	--	9.9	87	--	--	--
27...	1129	--	--	--	--	9.9	87	--	--	--
27...	1130	--	--	--	--	9.8	87	--	--	--
27...	1131	--	--	--	--	9.8	87	--	--	--
27...	1132	--	--	--	--	9.9	87	--	--	--
27...	1133	--	--	--	--	9.8	87	--	--	--
27...	1134	--	--	--	--	9.8	87	--	--	--
27...	1135	--	--	--	--	9.8	86	--	--	--
27...	1136	--	--	--	--	9.8	86	--	--	--
27...	1140	20	2.5	--	--	9.8	86	K3	K2	7
27...	1141	--	--	--	--	9.7	86	--	--	--
27...	1142	--	--	--	--	9.5	83	--	--	--
27...	1143	--	--	--	--	9.8	86	--	--	--

DATE	TIME	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CAC03 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
DEC										
27...	1125	1.3	0.87	0.80	19	0.1	0.50	4	1.6	1.0
27...	1140	1.3	0.87	0.80	19	0.1	0.40	4	1.6	1.0
DATE	TIME	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTIT- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00631)
DEC										
27...	1125	<0.10	3.9	26	13	0.03	0.031	<0.001	0.031	0.031
27...	1140	<0.10	4.2	24	13	0.03	0.033	<0.001	0.033	0.033
DATE	TIME	NITRO- GEN, NO2+NO3 TOT IN BOT MAT (MG/KG AS N) (00633)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,NH4 TOTAL IN BOT. MAT. (MG/KG AS N) (00611)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	NITRO- GEN,NH4 TOT IN BOT MAT (MG/KG AS N) (00626)	PHOS- PHATE, ORTHOPHOS- PHATE, DIS- SOLVED (MG/L AS P) (00665)	PHOS- PHATE, ORTHOPHOS- PHATE, DIS- SOLVED (MG/L AS P) (00660)
DEC										
27...	1125	--	0.020	--	0.03	<0.20	<0.20	--	0.006	0.00
27...	1140	--	0.019	--	0.02	<0.20	<0.20	--	0.009	0.00
27...	1150	4.0	--	110	--	--	--	1200	--	--

RED RIVER BASIN

07362590 LAKE WINONA AT REFORM--CONTINUED
WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

		PHOS- PHORUS TOTAL IN BOT. MAT. (MG/KG AS P) (00668)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, RECOV- FM BOT- TOM MA- TERIAL (UG/G AS FE) (01170)	MANGA- NESE TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE DIS- SOLVED (UG/L AS MN) (01056)	
DEC											
27...	1125	--	0.004	0.001	3.8	190	330	--	200	190	
27...	1140	--	0.004	0.001	3.8	170	310	--	190	170	
27...	1150	580	--	--	--	--	--	30000	--	--	
		MANGA- NESE RECOV. FM BOT- TOM MA- TERIAL (UG/G) (01053)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/G AS HG) (71921)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDED TOTAL (MG/L AS C) (00689)	CARBON, INOR- GANIC TOT IN BOT MAT (G/KG AS C) (00686)	CARBON, INORG + ORGANIC TOT IN BOT MAT (GM/KG AS C) (00693)	CHLOR-B PHYTO- PLANK- TON CHROMO- FLUOROM (UG/L) (70954)	CHLOR-A PHYTO- PLANK- TON CHROMO- FLUOROM (UG/L) (70953)	
DEC											
27...	1112	--	--	--	--	--	--	--	<0.100	0.600	
27...	1125	--	<0.10	--	3.7	0.4	--	--	--	--	
27...	1140	--	<0.10	--	3.4	0.2	--	--	--	--	
27...	1150	620	--	0.09	--	--	<0.1	29	--	--	
DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SAMPLE MID- POINT (FEET) (81909)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	COLOR (PLAT- INUM- COBALT UNITS) (00080)
MAY											
11.	0906	80513	80513	0.60	86.0	--	19	6.0	19.5	745	--
11.	0907	80513	80513	3.00	86.0	--	19	6.1	19.5	745	--
11.	0908	80513	81213	5.10	86.0	5.00	19	6.1	19.5	745	30
11.	0909	80513	80513	10.2	86.0	--	19	6.1	19.5	745	--
11.	0910	80513	80513	14.9	86.0	--	19	6.1	19.5	745	--
11.	0911	80513	80513	15.9	86.0	--	19	6.0	19.0	745	--
11.	0913	80513	80513	17.0	86.0	--	19	5.9	18.5	745	--
11.	0914	80513	80513	18.1	86.0	--	19	5.8	17.5	745	--
11.	0916	80513	80513	19.1	86.0	--	19	5.8	16.0	745	--
11.	0917	80513	80513	20.0	86.0	--	19	5.7	16.0	745	--
11.	0919	80513	80513	22.1	86.0	--	19	5.6	15.0	745	--
11.	0920	80513	81213	25.1	86.0	25.0	19	5.6	14.5	745	20
11.	0922	80513	80513	27.1	86.0	--	19	5.6	13.5	745	--
11.	0923	80513	80513	27.9	86.0	--	19	5.6	13.0	745	--
11.	0924	80513	80513	30.0	86.0	--	19	5.6	12.0	745	--
11.	0928	80513	80513	33.9	86.0	--	19	5.7	11.0	745	--
11.	0930	80513	80513	35.0	86.0	--	18	5.7	11.0	745	--
11.	0931	80513	80513	40.0	86.0	--	18	5.7	10.0	745	--
11.	0934	80513	80513	45.0	86.0	--	18	5.8	9.0	745	--
11.	0935	80513	80513	50.0	86.0	--	18	5.8	9.0	745	--
11.	0937	80513	80513	55.1	86.0	--	18	5.8	8.5	745	--
11.	0938	80513	81213	60.0	86.0	60.0	18	5.9	8.0	745	10
11.	0939	80513	80513	65.0	86.0	--	18	5.8	8.0	745	--
11.	0940	80513	80513	70.0	86.0	--	18	5.8	8.0	745	--
11.	0941	80513	80513	75.0	86.0	--	18	5.8	8.0	745	--
11.	0942	80513	80513	80.1	86.0	--	18	5.8	8.0	745	--
11.	0943	80513	80513	85.0	86.0	--	18	5.8	8.0	745	--
11.	0944	80513	80513	85.4	86.0	--	18	5.8	8.0	745	--
DATE	TIME	TUR- BID- ITY (NTU) (00076)	TRANS- PAR- ENCY (SECCHI DISK) (IN) (00077)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, SOLVED SATUR- ATION (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)
MAY											
11.	0906	--	48.0	1.20	11.6	130	--	--	--	--	--
11.	0907	--	--	--	11.5	129	--	--	--	--	--
11.	0908	3.3	--	--	11.5	128	K1	<1	6	1.2	0.80
11.	0909	--	--	--	11.4	127	--	--	--	--	--
11.	0910	--	--	--	11.4	126	--	--	--	--	--
11.	0911	--	--	--	11.2	124	--	--	--	--	--
11.	0913	--	--	--	11.0	120	--	--	--	--	--
11.	0914	--	--	--	10	106	--	--	--	--	--
11.	0916	--	--	--	9.9	103	--	--	--	--	--
11.	0917	--	--	--	9.7	100	--	--	--	--	--
11.	0919	--	--	--	9.5	96	--	--	--	--	--
11.	0920	3.6	--	--	8.6	86	K10	21	6	1.2	0.80
11.	0922	--	--	--	7.4	73	--	--	--	--	--
11.	0923	--	--	--	8.7	84	--	--	--	--	--
11.	0924	--	--	--	9.6	91	--	--	--	--	--
11.	0928	--	--	--	8.4	78	--	--	--	--	--
11.	0930	--	--	--	8.4	78	--	--	--	--	--
11.	0931	--	--	--	9.5	86	--	--	--	--	--
11.	0934	--	--	--	10.9	97	--	--	--	--	--
11.	0935	--	--	--	10.2	90	--	--	--	--	--
11.	0937	--	--	--	11.5	101	--	--	--	--	--
11.	0938	2.0	--	--	11.5	99	<1	K2	6	1.2	0.80
11.	0939	--	--	--	11.4	99	--	--	--	--	--
11.	0940	--	--	--	11.2	97	--	--	--	--	--
11.	0941	--	--	--	11.1	95	--	--	--	--	--
11.	0942	--	--	--	10.4	90	--	--	--	--	--
11.	0943	--	--	--	11.0	94	--	--	--	--	--
11.	0944	--	--	--	10.8	93	--	--	--	--	--
DATE	TIME	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	
MAY											
11.	0908	0.90	22	0.2	0.40	6	2.4	1.2	<0.10	2.4	28
11.	0920	1.0	24	0.2	0.40	6	2.4	1.0	<0.10	3.0	24
11.	0938	0.90	22	0.2	0.40	6	2.4	1.1	<0.10	3.6	18

RED RIVER BASIN

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07362590 LAKE WINONA AT REFORM--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

		SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRATE TOTAL (MG/L) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L) (00618)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L) (71851)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L) (71856)	NITRO- GEN, NO2+NO3 TOTAL (MG/L) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L) (00631)	
DATE	TIME										
MAY											
11.	0908	13	0.04	0.007	--	--	<0.001	--	0.007	0.007	
11.	0920	14	0.03	0.034	0.034	0.15	0.002	0.01	0.036	0.036	
11.	0938	14	0.02	0.056	--	--	<0.001	--	0.056	0.056	
		NITRO- GEN, AMMONIA DIS- SOLVED (MG/L) AS N) (00608)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L) AS NH4) (71846)	NITRO- GEN, ORGANIC TOTAL (MG/L) AS N) (00605)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L) AS N) (00625)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L) AS N) (00623)	NITRO- GEN, TOTAL (MG/L) AS N) (00600)	PHOS- PHATE, ORTHOPHOS- PHATE TOTAL (MG/L) AS P) (00665)	PHOS- PHATE, ORTHOPHOS- PHATE DIS- SOLVED (MG/L) AS P4) (00660)	PHOS- PHATE, ORTHOPHOS- PHATE DIS- SOLVED (MG/L) AS P) (00666)	
MAY											
11.	0908	0.022	0.03	0.20	0.22	<0.20	0.23	0.010	0.00	0.004	
11.	0920	0.059	0.08	0.17	0.23	<0.20	0.27	0.010	--	0.006	
11.	0938	0.046	0.06	--	<0.20	<0.20	--	0.005	--	0.004	
		PHOS- PHATE, ORTHOPHOS- PHATE DIS- SOLVED (MG/L) AS P) (00671)	CARBON ORGANIC TOTAL (MG/L) AS C) (00680)	IRON, DIS- SOLVED (UG/L) AS FE) (01046)	IRON, TOTAL RECOV- ERABLE (UG/L) AS FE) (01045)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L) AS MN) (01055)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L) AS MN) (01056)	MERCURY TOTAL RECOV- ERABLE (UG/L) AS HG) (71900)	CARBON, ORGANIC DIS- SOLVED (MG/L) AS C) (00681)	CARBON, ORGANIC SUS- PENDED TOTAL (MG/L) AS C) (00689)	
MAY											
11.	0908	0.001	4.3	54	120	12	2	<0.10	3.4	0.4	
11.	0920	<0.001	4.1	64	130	13	7	<0.10	3.5	0.3	
11.	0938	<0.001	3.5	53	100	11	7	<0.10	3.6	0.1	
DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY LYZING SAMPLE (CODE NUMBER) (00028)	SAM- PLING DEPTH (FEET) (00003)	RESER- VOIR DEPTH (FEET) (72025)	SAMPLE MID- POINT (FEET) (81909)	MOIS- TURE CONTENT DRY WT. (% OF TOTAL) (00495)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	BARO- METRIC PRES- SURE (MM OF HG) (00025)
AUG											
16.	0808	80513	80513	0.60	80.0	--	--	21	5.9	30.5	745
16.	0809	80513	81213	2.80	80.0	3.00	--	21	6.1	30.5	745
16.	0810	80513	80513	5.00	80.0	--	--	21	6.2	30.5	745
16.	0811	80513	80513	10.1	80.0	--	--	21	6.3	30.5	745
16.	0812	80513	80513	12.0	80.0	--	--	21	6.1	30.0	745
16.	0814	80513	80513	13.0	80.0	--	--	21	6.0	29.0	745
16.	0815	80513	80513	14.1	80.0	--	--	21	5.6	27.0	745
16.	0816	80513	80513	15.0	80.0	--	--	20	5.5	25.5	745
16.	0817	80513	80513	16.0	80.0	--	--	20	5.3	23.0	745
16.	0818	80513	80513	17.0	80.0	--	--	20	5.3	21.0	745
16.	0819	80513	80513	18.0	80.0	--	--	20	5.3	19.5	7750
16.	0820	80513	80513	19.0	80.0	--	--	20	5.3	18.0	745
16.	0821	80513	81213	20.0	80.0	20.0	--	20	5.3	16.5	745
16.	0822	80513	80513	21.0	80.0	--	--	20	5.4	15.5	745
16.	0823	80513	80513	23.0	80.0	--	--	20	5.4	14.5	745
16.	0824	80513	80513	25.0	80.0	--	--	20	5.5	13.5	745
16.	0825	80513	80513	27.0	80.0	--	--	20	5.5	13.0	745
16.	0827	80513	80513	30.1	80.0	--	--	19	5.5	12.0	745
16.	0828	80513	80513	35.0	80.0	--	--	19	5.6	11.0	745
16.	0829	80513	80513	39.9	80.0	--	--	19	5.6	10.0	745
16.	0830	80513	80513	45.0	80.0	--	--	19	5.6	10.0	745
16.	0831	80513	80513	50.0	80.0	--	--	19	5.6	9.5	745
16.	0832	80513	80513	55.0	80.0	--	--	18	5.7	9.0	745
16.	0833	80513	81213	59.9	80.0	60.0	--	20	5.7	8.5	745
16.	0834	80513	80513	65.0	80.0	--	--	20	5.7	8.5	745
16.	0835	80513	80513	70.0	80.0	--	--	20	5.7	8.5	745
16.	0836	80513	80513	74.9	80.0	--	--	20	5.7	8.5	745
16.	0837	80513	80513	80.1	80.0	--	--	21	5.7	8.5	745
16.	0840	80513	80020	--	--	--	73	--	--	--	--
DATE	TIME	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	TRANS- PAR- ENCY (SECCHI DISK) (IN) (00077)	TRANS- PAR- ENCY (SECCHI DISK) (M) (00078)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 KF AGAR UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL KF AGAR (PER. AS) (31673)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)
AUG											
16.	0808	--	--	180	4.60	7.1	97	--	--	--	--
16.	0809	<5	1.1	--	--	7.1	97	K1	<1	7	1.4
16.	0810	--	--	--	--	7.1	97	--	--	--	--
16.	0811	--	--	--	--	7.1	97	--	--	--	--
16.	0812	--	--	--	--	7.1	96	--	--	--	--
16.	0814	--	--	--	--	6.4	85	--	--	--	--
16.	0815	--	--	--	--	5.4	69	--	--	--	--
16.	0816	--	--	--	--	4.8	60	--	--	--	--
16.	0817	--	--	--	--	3.7	45	--	--	--	--
16.	0818	--	--	--	--	2.8	32	--	--	--	--
16.	0819	--	--	--	--	2.1	2	--	--	--	--
16.	0820	--	--	--	--	1.7	19	--	--	--	--
16.	0821	25	2.9	--	--	1.6	17	<1	<1	7	1.4
16.	0822	--	--	--	--	1.7	19	--	--	--	--
16.	0823	--	--	--	--	1.9	23	--	--	--	--
16.	0824	--	--	--	--	2.3	23	--	--	--	--
16.	0825	--	--	--	--	2.6	25	--	--	--	--
16.	0827	--	--	--	--	3.4	32	--	--	--	--
16.	0828	--	--	--	--	4.4	41	--	--	--	--
16.	0829	--	--	--	--	4.6	42	--	--	--	--
16.	0830	--	--	--	--	5.3	47	--	--	--	--
16.	0831	--	--	--	--	5.5	49	--	--	--	--
16.	0832	--	--	--	--	6.1	54	--	--	--	--
16.	0833	25	2.0	--	--	6.1	53	56	<1	6	1.2
16.	0834	--	--	--	--	5.0	44	--	--	--	--
16.	0835	--	--	--	--	4.8	42	--	--	--	--
16.	0836	--	--	--	--	4.8	42	--	--	--	--
16.	0837	--	--	--	--	4.2	36	--	--	--	--

RED RIVER BASIN

07362590 LAKE WINONA AT REFORM--CONTINUED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

		MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)
DATE	TIME										
AUG											
16.	0809	0.90	1.0	22	0.2	0.40	7	2.1	1.0	0.10	1.7
16.	0821	0.90	0.90	20	0.1	0.40	5	2.2	0.90	0.10	3.2
16.	0833	0.80	0.80	20	0.1	0.40	9	2.4	1.0	0.10	4.0
DATE	TIME	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)
AUG											
16.	0809	26	13	0.03	0.003	0.003	0.01	0.001	0.00	0.004	0.004
16.	0821	24	13	0.03	0.001	0.001	0.00	0.001	0.00	0.002	0.002
16.	0833	24	17	0.03	0.124	0.124	0.55	0.001	0.00	0.125	0.125
DATE	TIME	NITRO- GEN, NO2+NO3 TOT. IN BOT MAT (MG/KG AS N) (00633)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NH4 TOTAL IN BOT. MAT. (MG/KG AS N) (00611)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NH4 TOT IN BOT MAT (MG/KG AS N) (00626)	NITRO- GEN, TOTAL BOT MAT (MG/L AS N) (00600)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	
AUG											
16.	0809	--	0.003	--	0.00	0.24	0.24	--	0.24	0.005	
16.	0821	--	0.004	--	0.01	0.23	0.23	--	0.23	0.005	
16.	0833	--	0.005	--	0.01	0.20	0.20	--	0.33	0.004	
16.	0840	<2.0	--	64	--	--	--	3300	--	--	
DATE	TIME	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	PHOS- PHORUS TOTAL IN BOT. MAT. (MG/KG AS P) (00668)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS FE) (01170)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	
AUG											
16.	0809	0.00	--	0.001	3.3	14	50	--	18	1	
16.	0821	0.00	--	0.001	4.0	82	160	--	160	100	
16.	0833	0.00	--	0.001	3.7	73	120	--	180	170	
16.	0840	--	700	--	--	--	17000	--	--	--	
DATE	TIME	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G) (01053)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/G AS HG) (71921)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDE TOTAL (MG/L AS C) (00689)	CARBON, INOR- GANIC, TOT IN BOT MAT (G/KG AS C) (00686)	CARBON, INOR- GANIC TOT. IN BOT MAT (GM/KG AS C) (00693)	CHLOR-B PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70954)	CHLOR-A PHYTO- PLANK- TON CHROMO FLUOROM (UG/L) (70953)	
AUG											
16.	0809	--	0.10	--	3.7	0.3	--	--	0.100	2.00	
16.	0821	--	0.10	--	4.0	0.3	--	--	--	--	
16.	0833	--	0.10	--	3.4	0.2	--	--	--	--	
16.	0840	12	--	0.09	--	--	<0.1	35	--	--	

RED RIVER BASIN

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07363300 HURRICANE CREEK NEAR SHERIDAN

LOCATION.--Lat 34°19'10", long 92°20'40", in NW1/4NE1/4 sec.6, T.5 S., R.12 W., Grant County, Hydrologic Unit 08040203, on downstream side of bridge on U.S Highway 270, 2.8 mi downstream from Simpson Creek, 3.5 mi east of Sheridan, and at mile 16.9.

DRAINAGE AREA.--204 mi².

PERIOD OF RECORD.--Occasional low-flow measurements 1957-61. October 1961 to September 1994 (discontinued). Gage-height records and results of discharge measurements 1960-63 are published in reports of U.S. Army Corps of Engineers.

REVISED RECORDS.--WRD Ark. 1970: 1969.

GAGE.--Water-stage recorder. Datum of gage is 200.00 ft above sea level (levels by U.S. Army Corps of Engineers).

REMARKS.--No estimated daily discharges. Records good, except for those below 10 ft³/s which are fair.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1939, 18.55 ft June 27, 1960, from floodmarks, discharge, 52,300 ft³/s by contracted-opening measurement.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	19	69	65	208	1430	115	97	44	15	9.7	.00
2	17	19	55	60	190	727	102	292	43	15	9.9	.00
3	16	19	48	58	162	334	90	355	46	17	9.8	.00
4	13	20	49	52	144	281	88	217	41	14	10	.00
5	11	30	49	51	138	302	122	178	39	16	10	.00
6	9.5	230	47	83	112	343	142	147	33	63	9.0	.00
7	7.6	393	46	416	105	454	118	119	28	91	6.8	.00
8	12	392	50	439	101	1320	102	167	26	43	6.7	.00
9	21	181	172	236	104	1400	89	410	23	27	4.9	.00
10	41	258	711	155	93	633	81	595	22	20	3.5	.00
11	28	464	2130	126	93	340	371	519	22	17	2.7	.00
12	24	382	2120	109	94	269	1400	210	24	16	2.2	.00
13	32	196	1570	102	94	218	1390	105	31	14	2.0	.00
14	34	123	805	152	90	226	962	77	27	16	1.7	.00
15	29	103	344	200	195	918	370	63	22	15	1.1	.00
16	26	207	421	147	495	1740	191	53	19	12	.68	.00
17	24	267	462	111	442	1390	147	47	17	11	.29	.00
18	26	164	472	479	334	738	126	43	16	10	.01	.00
19	27	116	363	3220	244	353	132	39	15	9.8	.00	.00
20	26	91	238	2830	189	259	130	38	15	9.5	.00	.00
21	25	95	176	1760	160	210	136	34	14	9.8	.00	.00
22	32	148	167	1110	143	172	166	30	14	9.1	.00	.00
23	81	124	157	464	123	143	146	30	13	10	.00	.00
24	52	91	133	349	114	133	157	27	13	11	.00	.00
25	35	72	112	337	104	118	139	28	12	11	.00	.00
26	29	62	98	307	97	109	115	63	12	10	.00	.00
27	26	59	88	300	236	130	93	11	11	10	.00	.00
28	23	79	81	367	1140	288	81	59	11	12	.00	.00
29	22	114	77	359	---	298	76	101	11	12	.00	.00
30	21	91	73	286	---	173	75	103	11	10	.00	.00
31	20	---	70	236	---	133	---	56	---	10	.00	---
TOTAL	808.1	4609	11453	14966	5744	15582	7452	4413	675	566.2	90.98	0.00
MEAN	26.1	154	369	483	205	503	248	142	22.5	18.3	2.93	.000
MAX	81	464	2130	3220	1140	1740	1400	595	46	91	10	.00
MIN	7.6	19	46	51	90	109	75	27	11	9.1	.00	.00
AC-FT	1600	9140	22720	29690	11390	30910	14780	8750	1340	1120	180	.00
CFSM	.13	.75	1.81	2.37	1.01	2.46	1.22	.70	.11	.09	.01	.00
IN.	.15	.84	2.09	2.73	1.05	2.84	1.36	.80	.12	.10	.02	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 1995, BY WATER YEAR (WY)

	MEAN	MAX	(WY)	MIN	(WY)
1962	43.5	142	1962	14.6	1962
1963	768	1209	1963	8.77	1963
1964	1985	1974	1964	9.73	1964
1965	7.3	7.69	1965	1.81	1965
1966	1985	1974	1966	2.37	1966
1967	1985	1974	1967	2.73	1967
1968	1985	1974	1968	2.37	1968
1969	1985	1974	1969	2.73	1969
1970	1985	1974	1970	2.73	1970
1971	1985	1974	1971	2.73	1971
1972	1985	1974	1972	2.73	1972
1973	1985	1974	1973	2.73	1973
1974	1985	1974	1974	2.73	1974
1975	1985	1974	1975	2.73	1975
1976	1985	1974	1976	2.73	1976
1977	1985	1974	1977	2.73	1977
1978	1985	1974	1978	2.73	1978
1979	1985	1974	1979	2.73	1979
1980	1985	1974	1980	2.73	1980
1981	1985	1974	1981	2.73	1981
1982	1985	1974	1982	2.73	1982
1983	1985	1974	1983	2.73	1983
1984	1985	1974	1984	2.73	1984
1985	1985	1974	1985	2.73	1985
1986	1985	1974	1986	2.73	1986
1987	1985	1974	1987	2.73	1987
1988	1985	1974	1988	2.73	1988
1989	1985	1974	1989	2.73	1989
1990	1985	1974	1990	2.73	1990
1991	1985	1974	1991	2.73	1991
1992	1985	1974	1992	2.73	1992
1993	1985	1974	1993	2.73	1993
1994	1985	1974	1994	2.73	1994
1995	1985	1974	1995	2.73	1995

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1962 - 1995

ANNUAL TOTAL	85179.1		66359.28																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															</
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RED RIVER BASIN

07363500 SALINE RIVER NEAR RYE

LOCATION.--Lat 33°42'03", long 92°01'33", in SW¼NW¼ sec.3, T.12 S., R.9 W., Bradley County, Hydrologic Unit 08040204, near left bank on downstream side of bridge on State Highway 15, 3.6 mi southwest of Rye, 5.8 mi upstream from Hudgin Creek, and at mile 71.0.

DRAINAGE AREA.--2,102 mi².

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

REVISED RECORDS.--WRD Ark. 1979: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 97.06 ft above sea level. Prior to May 30, 1939, nonrecording gage at present site and datum.

REMARKS.--Records good, except estimated daily discharges, which are fair. Satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of April 1927 reached a stage of 30.5 ft, discharge, about 73,000 ft³/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	155	e310	e1240	1200	6640	4570	2260	1160	1710	214	169	20
2	150	e262	e1480	1120	5100	5040	1880	1050	2380	225	164	18
3	144	236	e1530	1050	4110	e5080	1510	1020	2480	234	158	15
4	138	219	e1370	977	3310	4930	1260	1250	2150	224	155	17
5	130	213	e1110	923	2530	5080	1130	1840	1700	356	154	20
6	127	202	e966	973	2020	5680	1120	2210	1410	1070	179	22
7	126	269	e888	1740	1690	6410	1100	2440	1260	1380	151	22
8	123	1110	e871	2520	1480	7830	1130	2220	1230	1090	149	22
9	122	1750	e844	2830	1340	8180	1440	1950	1100	1190	191	20
10	118	2180	e1120	3020	1220	8710	1440	2080	885	1270	241	18
11	154	2600	e2030	2960	1140	8640	2160	2530	731	984	194	17
12	282	2980	e2770	2690	1080	8280	4680	2860	679	703	143	18
13	333	3370	3330	2210	1020	7700	5200	3070	754	534	114	21
14	310	3740	3730	1780	1000	7280	5330	3340	960	429	90	29
15	412	4050	4340	1890	984	7880	5400	3730	1050	356	70	32
16	531	4270	5550	2060	1060	8510	5380	4240	1050	307	60	34
17	487	4380	6630	2520	1230	8600	5320	4660	894	274	54	41
18	398	4390	7710	4000	1640	8610	5710	4750	712	248	48	42
19	350	4240	8640	7000	2050	8250	6380	3630	581	229	45	45
20	404	3930	9230	7690	2310	8000	6880	1630	486	216	42	48
21	436	3580	9410	7960	2270	7630	7200	966	418	206	43	47
22	397	e3240	8950	8440	1910	7470	7230	793	371	190	37	53
23	361	e2760	8150	9110	1560	7480	6830	698	333	177	34	62
24	412	e2140	7240	9870	1290	7400	6030	640	300	169	33	61
25	841	e1830	6350	10800	1120	7010	5070	584	277	173	32	62
26	944	e1680	5420	11600	1050	5510	4150	543	255	184	31	66
27	e827	e1450	4240	12000	1140	4330	3150	527	238	178	30	62
28	e642	e1220	2750	11400	2920	3940	2320	580	233	168	27	56
29	e498	e1090	1830	10200	---	2920	1740	803	220	169	26	54
30	e419	e1070	1470	9140	---	2510	1370	926	226	173	24	55
31	e370	---	1320	7960	---	2460	---	1090	---	174	22	---
TOTAL	11141	64761	122509	159633	56214	201920	111800	59810	27073	13494	2910	1099
MEAN	359	2159	3952	5149	2008	6514	3727	1929	902	435	93.9	36.6
MAX	944	4390	9410	12000	6640	8710	7230	4750	2480	1380	241	66
MIN	118	202	844	923	984	2460	1100	527	220	168	22	15
AC-FT	22100	128500	243000	316600	111500	400500	221800	118600	53700	26770	5770	2180
CFSM	.17	1.03	1.88	2.45	.96	3.10	1.77	.92	.43	.21	.04	.02
IN.	.20	1.15	2.17	2.83	.99	3.57	1.98	1.06	.48	.24	.05	.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 1995, BY WATER YEAR (WY)

MEAN	507	1234	2961	3884	5161	5331	5407	4831	1512	614	291	360
MAX	10570	9690	13280	14830	16710	13920	16340	21470	11950	8191	1573	4511
(WY)	1985	1958	1974	1946	1950	1945	1973	1958	1974	1989	1971	1950
MIN	15.4	50.7	111	143	553	706	640	352	80.5	32.5	10.6	4.95
(WY)	1939	1940	1940	1956	1963	1940	1972	1992	1972	1954	1954	1954

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1938 - 1995

ANNUAL TOTAL	983903	832364	2662
ANNUAL MEAN	2696	2280	5436
HIGHEST ANNUAL MEAN			704
LOWEST ANNUAL MEAN			72500
HIGHEST DAILY MEAN	13900	Feb 3	May 18 1968
LOWEST DAILY MEAN	118	Oct 10	Sep 16 1954
ANNUAL SEVEN-DAY MINIMUM	126	Oct 4	Sep 15 1954
INSTANTANEOUS PEAK FLOW		12000	May 18 1968
INSTANTANEOUS PEAK STAGE		15	May 18 1968
INSTANTANEOUS LOW FLOW		19	Sep 27 1954
ANNUAL RUNOFF (AC-FT)	1952000	1651000	1928000
ANNUAL RUNOFF (CFSM)	1.28	1.08	1.27
ANNUAL RUNOFF (INCHES)	17.41	14.73	17.20
10 PERCENT EXCEEDS	7280	7230	7550
50 PERCENT EXCEEDS	1320	1120	691
90 PERCENT EXCEEDS	251	54	65

^aFrom graph based on gage readings

^bAlso Sept. 28, 1954

^eEstimated

RED RIVER BASIN

337

07364133 BAYOU BARTHOLOMEW AT GARRETT BRIDGE

LOCATION.--Lat 33°51'59", long 91°39'22", in SE1/4SW1/4 sec.6, T.10 S., R.5 W., Lincoln County, Hydrologic Unit 08040205, on downstream side of bridge on State Highway 54, 1.9 mi upstream from Flat Creek at Garrett Bridge.

DRAINAGE AREA.--380 mi².

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

GAGE.--Water-stage recorder. Datum of gage 144.128 ft above sea level.

REMARKS.--No estimated daily discharges. Records good. Satellite telemeter at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26	41	81	173	1120	675	444	749	172	35	26	6.8
2	25	42	74	130	994	768	351	691	168	53	32	6.0
3	24	41	63	105	881	789	285	631	211	94	39	6.4
4	24	37	57	94	780	784	250	573	281	110	42	8.1
5	24	39	54	88	691	874	236	500	265	204	47	11
6	23	37	53	106	607	1030	225	418	202	349	58	13
7	22	34	51	191	525	1250	208	342	148	521	69	15
8	23	32	54	354	449	1600	183	275	136	676	86	16
9	23	33	57	477	388	1870	155	215	162	763	100	18
10	21	49	134	515	331	2030	132	168	194	745	106	19
11	23	47	264	509	281	2050	276	148	212	660	91	19
12	31	102	467	488	230	1970	549	138	215	551	69	17
13	35	115	644	464	192	1850	708	138	216	446	55	15
14	79	86	732	453	161	1740	806	139	214	362	40	13
15	114	61	769	472	140	1910	823	135	190	304	23	10
16	93	48	807	474	142	2240	790	147	150	257	12	8.8
17	55	70	858	455	167	2410	756	168	109	212	8.8	8.9
18	35	100	913	619	179	2420	726	175	81	175	7.3	9.4
19	43	110	925	1150	176	2300	707	168	57	156	7.1	9.5
20	72	108	893	1480	160	2110	691	165	45	154	7.6	9.8
21	96	102	841	1760	141	1930	672	162	40	146	8.3	11
22	128	92	782	1960	131	1760	696	149	39	128	12	10
23	117	87	731	2000	137	1600	854	125	39	114	13	9.0
24	122	78	685	1930	145	1440	966	103	39	101	11	8.1
25	133	69	636	1840	141	1290	993	90	53	77	14	7.4
26	106	60	579	1740	129	1140	974	69	69	53	17	6.8
27	71	53	517	1650	188	1030	937	55	66	35	17	6.0
28	45	50	447	1570	427	908	897	48	52	25	16	5.1
29	33	50	371	1490	---	794	855	62	33	22	12	4.5
30	33	70	300	1380	---	678	807	118	23	21	9.2	4.0
31	38	---	233	1250	---	558	---	143	---	21	7.8	---
TOTAL	1737	1943	14072	27367	10033	45798	17952	7207	3881	7570	1063.1	311.6
MEAN	56.0	64.8	454	883	358	1477	598	232	129	244	34.3	10.4
MAX	133	115	925	2000	1120	2420	993	749	281	763	106	19
MIN	21	32	51	88	129	558	132	48	23	21	7.1	4.0
AC-FT	3450	3850	27910	54280	19900	90840	35610	14300	7700	15020	2110	618
CFSM	.15	.17	1.19	2.32	.94	3.89	1.57	.61	.34	.64	.09	.03
IN.	.17	.19	1.38	2.68	.98	4.48	1.76	.71	.38	.74	.10	.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 1995, BY WATER YEAR (WY)

MEAN	113	406	751	1180	1203	1084	985	564	290	475	186	68.8
MAX	625	959	1618	2748	2861	1769	2229	1791	726	2488	419	123
(WY)	1991	1988	1992	1988	1990	1990	1991	1991	1989	1989	1989	1989
MIN	3.04	16.8	167	398	339	321	180	55.3	8.58	31.5	34.3	10.4
(WY)	1988	1993	1990	1992	1993	1988	1992	1988	1988	1990	1995	1995

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1988 - 1995

ANNUAL TOTAL	167380	138934.7	606	1989
ANNUAL MEAN	459	381	966	1993
HIGHEST ANNUAL MEAN			306	1993
LOWEST ANNUAL MEAN			4610	Feb 10 1990
HIGHEST DAILY MEAN	3330	2420		Jun 19 1988
LOWEST DAILY MEAN	21	4.0	.72	Oct 30 1989
ANNUAL SEVEN-DAY MINIMUM	23	6.0	1.7	Feb 10 1990
INSTANTANEOUS PEAK FLOW		2440	4650	Feb 10 1990
INSTANTANEOUS PEAK STAGE		16.58	22.22	Feb 10 1990
INSTANTANEOUS LOW FLOW		3.9	.60	Jun 20 1988
ANNUAL RUNOFF (AC-FT)	332000	275600	439200	
ANNUAL RUNOFF (CFSM)	1.21	1.00	1.60	
ANNUAL RUNOFF (INCHES)	16.39	13.60	21.68	
10 PERCENT EXCEEDS	1470	1010	1810	
50 PERCENT EXCEEDS	199	140	236	
90 PERCENT EXCEEDS	46	15	18	

^aAlso Feb. 11, 1990

RED RIVER BASIN

07364150 BAYOU BARTHOLOMEW NEAR MCGEEHEE

LOCATION.--Lat 33°37'40", long 91°26'45", in NE1/4SW1/4 sec.30, T.12 S., R.3 W., Desha County, Hydrologic Unit 08050001, near center of stream on downstream side of bridge on State Highway 4, 2.7 mi west of McGehee, 17.5 mi downstream from Ables Creek, at mile 200.5.

DRAINAGE AREA.--576 mi².

PERIOD OF RECORD.--October 1938 to September 1942, October 1945 to current year. Gage-height records collected and occasional discharge measurements made by U.S. Army Corps of Engineers at this site since August 1938. Daily stages 1940 to date and results of discharge measurements 1938, 1947 to date are published in reports of U.S. Army Corps of Engineers.

REVISED RECORDS.--WRD Ark. 1979: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 120.48 ft above mean sea level. Prior to Sept. 7, 1949, nonrecording gage at same site. October 1938 to June 6, 1972, at datum 1.00 ft higher. Since Jan. 20, 1971, auxiliary water-stage recorder 14 mi upstream.

REMARKS.--Records good, except estimated daily discharges, and those below 50 ft³/s, which are poor.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1930, that of May 11, 1958. Flood in 1932 reached a stage of 23.4 ft, present datum, from floodmarks.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	56	98	173	602	2080	539	1400	1050	108	20	54	e15
2	52	86	152	535	1960	713	1250	1010	127	24	41	e15
3	48	74	127	465	1830	845	1110	958	144	30	31	e15
4	42	61	106	394	1680	954	973	917	158	33	25	e15
5	34	54	90	326	1540	1120	843	873	164	77	24	e15
6	28	50	79	290	1410	1320	724	825	165	142	24	e14
7	23	46	73	281	1280	1610	618	777	166	164	33	e14
8	21	44	83	257	1160	1930	525	725	173	199	45	e14
9	19	43	97	229	1040	2110	443	669	179	229	49	e14
10	17	45	131	211	934	2270	378	604	179	252	51	e14
11	17	50	186	206	834	2400	452	535	190	291	54	e14
12	20	62	243	217	740	2490	586	462	220	355	54	e14
13	21	71	299	243	652	2530	680	392	262	402	53	e14
14	23	73	330	291	571	2560	756	332	276	440	55	e14
15	24	70	407	359	490	2770	825	282	258	459	60	e14
16	24	69	559	397	419	2940	882	231	232	456	63	e16
17	24	73	710	424	354	3020	920	194	205	437	60	e17
18	25	82	834	577	303	3100	933	181	181	415	53	e18
19	32	88	918	907	258	3140	922	171	161	372	45	e19
20	46	90	969	1170	221	3150	919	157	144	324	38	e20
21	61	90	997	1400	195	3110	927	152	125	284	31	e20
22	79	88	1010	1620	181	3030	899	156	105	243	25	e21
23	95	89	997	1860	175	2920	1050	159	84	207	21	21
24	107	94	977	2070	172	2780	1140	156	65	178	19	20
25	113	99	949	2220	166	2610	1160	148	50	155	18	20
26	116	102	911	2310	157	2420	1170	139	38	137	18	20
27	117	114	866	2360	163	2230	1160	131	29	124	17	20
28	116	140	819	2370	305	2050	1140	122	23	110	17	20
29	114	159	771	2340	---	1880	1120	110	20	95	16	20
30	111	178	719	2280	---	1720	1080	98	19	82	e15	21
31	106	---	663	2190	---	1550	---	91	---	69	e15	---
TOTAL	1731	2482	16245	31401	21270	67811	26985	12807	4250	6805	1124	508
MEAN	55.8	82.7	524	1013	760	2187	899	413	142	220	36.3	16.9
MAX	117	178	1010	2370	2080	3150	1400	1050	276	459	63	21
MIN	17	43	73	206	157	539	378	91	19	20	15	14
AC-FT	3430	4920	32220	62280	42190	134500	53520	25400	8430	13500	2230	1010
CFSM	.10	.14	.91	1.76	1.32	3.80	1.56	.72	.25	.38	.06	.03
IN.	.11	.16	1.05	2.03	1.37	4.38	1.74	.83	.27	.44	.07	.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1995, BY WATER YEAR (WY)

	MEAN	179	359	748	1030	1432	1378	1223	1090	472	222	157	160
MAX	1491	2240	2835	3900	5085	3099	3127	5972	2575	3688	1032	1792	
(WY)	1985	1958	1973	1946	1990	1948	1991	1958	1974	1989	1989	1974	
MIN	12.5	13.9	31.9	39.3	98.6	189	82.8	73.0	22.1	6.03	4.44	16.9	
(WY)	1989	1968	1982	1966	1963	1954	1966	1965	1972	1954	1956	1995	

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1939 - 1995

ANNUAL TOTAL	231837	193419	700
ANNUAL MEAN	635	530	1488
HIGHEST ANNUAL MEAN			1973
LOWEST ANNUAL MEAN			149
HIGHEST DAILY MEAN	3740	Feb 3	6870
LOWEST DAILY MEAN	17	Oct 10	14
ANNUAL SEVEN-DAY MINIMUM	20	Oct 7	14
INSTANTANEOUS PEAK FLOW			3150
INSTANTANEOUS PEAK STAGE			17.96
INSTANTANEOUS LOW FLOW			17.96
ANNUAL RUNOFF (AC-FT)	459800	383600	507400
ANNUAL RUNOFF (CFSM)	1.10	.92	1.22
ANNUAL RUNOFF (INCHES)	14.97	12.49	16.52
10 PERCENT EXCEEDS	2360	1640	2040
50 PERCENT EXCEEDS	250	175	253
90 PERCENT EXCEEDS	73	20	32

07369680 BAYOU MACON AT EUDORA

LOCATION.--Lat 33°06'09", long 91°15'08", in SE1/4SE1/4 sec.25, T.18 S., R.2 W., Chicot County, Hydrologic Unit 08030100, near left bank on downstream side of bridge on U.S. Highway 65, 0.6 mi south of Eudora.

DRAINAGE AREA.--500 mi².

PERIOD OF RECORD.--October 1988 to current year. Gage-height record and results of discharge measurements since January 1938, are contained in reports of the U.S. Army Corps of Engineers.

GAGE.--Water-stage recorder. Datum of gage is 80.92 ft above sea level. Satellite telemeter at station.

REMARKS.--No estimated daily discharges. Records good. Satellite telemeter at station.

COOPERATION.--Gage-height record provided by the U.S. Army Corps of Engineers.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1938, 27.43 ft May 10, 22, 1958.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	143	120	246	121	160	985	80	376	535	200	90	76
2	143	118	218	121	149	812	80	279	267	148	95	73
3	143	118	209	121	149	667	79	216	162	115	95	71
4	143	118	198	121	148	354	77	178	141	109	114	71
5	143	174	188	120	148	603	59	161	129	787	142	75
6	143	172	167	348	148	572	42	115	111	1530	203	79
7	143	154	155	711	120	1930	47	90	94	1410	155	77
8	152	189	163	378	89	3180	44	81	99	1050	134	76
9	149	284	179	215	84	2850	43	76	84	698	119	75
10	144	463	892	148	85	2220	44	62	89	436	110	73
11	202	302	1190	122	87	1660	434	56	144	319	94	72
12	543	224	696	120	86	1270	373	55	224	261	90	72
13	353	189	358	120	83	981	189	50	159	205	95	72
14	143	171	367	120	83	576	141	45	123	159	97	72
15	120	160	635	203	83	1760	110	40	112	139	94	72
16	119	159	842	151	1240	1850	86	40	114	122	84	68
17	122	210	646	114	2080	1390	72	39	109	108	82	54
18	111	221	370	1170	1550	1030	63	38	102	110	83	53
19	154	229	234	2460	869	521	57	36	99	105	90	53
20	127	224	166	2050	483	229	777	33	96	104	83	53
21	319	216	130	1240	319	167	2380	32	91	103	81	54
22	1280	208	124	630	225	134	2920	32	111	110	91	56
23	1420	204	123	443	166	116	4170	52	99	110	86	54
24	959	200	122	338	133	107	4150	62	93	109	81	54
25	544	193	122	260	108	98	3790	56	97	107	81	55
26	346	192	121	204	99	94	3250	99	87	106	83	57
27	258	216	121	240	123	94	2610	245	65	106	80	55
28	206	382	121	506	753	88	2010	137	70	106	77	55
29	168	340	121	351	---	85	1480	183	112	105	78	54
30	137	290	121	266	---	83	715	276	165	106	75	53
31	123	---	121	205	---	82	---	204	---	99	78	---
TOTAL	9200	6440	9466	13717	9850	26588	30372	3444	3983	9282	3040	1934
MEAN	297	215	305	442	352	858	1012	111	133	299	98.1	64.5
MAX	1420	463	1190	2460	2080	3180	4170	376	535	1530	203	79
MIN	111	118	121	114	83	82	42	32	65	99	75	53
AC-FT	18250	12770	18780	27210	19540	52740	60240	6830	7900	18410	6030	3840

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 1995, BY WATER YEAR (WY)

	1988	1989	1990	1991	1992	1993	1994	1995
MEAN	113	143	287	445	615	423	482	202
MAX	297	218	651	759	1173	858	1053	1510
(WY)	1995	1992	1991	1990	1991	1995	1991	1989
MIN	41.8	89.3	66.8	165	117	98.1	91.1	72.0
(WY)	1994	1991	1994	1992	1993	1993	1992	1995

SUMMARY STATISTICS

FOR 1994 CALENDAR YEAR

FOR 1995 WATER YEAR

WATER YEARS 1988 - 1995

ANNUAL TOTAL	150354	127316	309
ANNUAL MEAN	412	349	493
HIGHEST ANNUAL MEAN			174
LOWEST ANNUAL MEAN			1991
HIGHEST DAILY MEAN	2880	4170	174
LOWEST DAILY MEAN	58	32	1.7
ANNUAL SEVEN-DAY MINIMUM	86	36	34
INSTANTANEOUS PEAK FLOW		4280	4280
INSTANTANEOUS PEAK STAGE		22.76	24.41
INSTANTANEOUS LOW FLOW		32	32
ANNUAL RUNOFF (AC-FT)	298200	252500	223800
10 PERCENT EXCEEDS	1090	878	710
50 PERCENT EXCEEDS	198	127	119
90 PERCENT EXCEEDS	103	62	61

^aAlso May 22, 23, 1995

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or floodflow analyses, depending on the type of data collected. In addition, discharge measurements are made at other sites not included in the partial-record program. These measurements are generally made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

Records collected at crest-stage partial-record stations are presented in the following table. Discharge measurements made at low-flow partial-record sites and at miscellaneous sites and for special studies are given in separate tables.

Crest-Stage Partial-Record Stations

The following table contains annual maximum discharges for crest-stage stations. A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation of each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information on some lower floods may have been obtained but it is not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

Maximum discharge at crest-stage partial-record stations

Station number and name	Location and drainage area	Period of Record	Water year 1995 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
ST. FRANCIS RIVER BASIN								
07047820 Murray Creek near Jonesboro	Lat 35°51'50", long 90°38'30", in SW ¹ / ₄ SW ¹ / ₄ sec.2, T.14 N., R.4 E., Craighead County, Hydrologic Unit 08020203, at culvert on U.S. Highway 49, 4.0 mi northeast of Jonesboro. Drainage area is 1.38 mi ² .	1960-95	5-1-95	9.16	380	05-27-73	14.20	1,330
07047860 Higginbotham Creek at Jonesboro	Lat 35°48'48", long 90°42'29", in NE ¹ / ₄ NW ¹ / ₄ sec.30, T.14 N., R.4 E., Craighead County, Hydrologic Unit 08020203. Drainage area is 0.95 mi ² .	1992-95	7-5-95	16.86	a	07-02-94	17.68	a
07047880 Pope Creek tributary at Birdeye	Lat 35°22'35", long 90°42'00", in NE ¹ / ₄ SE ¹ / ₄ sec.30, T.9 N., R.4 E., Cross County, Hydrologic Unit 08020203, at culvert on State Highway 42, 0.9 mi west of Birdeye. Drainage area is 0.08 mi ² .	1963-95	3-27-95	3.13	16	09-13-78	7.73	511
070479475 Spring Creek at Forrest City	Lat 35°00'56", long 90°47'34", in SE ¹ / ₄ NW ¹ / ₄ sec.28, T.5 N., R.3 E., St. Francis County, Hydrologic Unit 08020205, on Cherry Street in Forrest City. Drainage area is 0.54 mi ² .	1990-95	1-21-95	14.27	a	05-20-90	16.02	a
WHITE RIVER BASIN								
07048600 White River near Fayetteville	Lat 36°04'23", long 94°04'51", in NE ¹ / ₄ SW ¹ / ₄ sec.8, T.16 N., R.29 W., Washington County, Hydrologic Unit 11010001, on left bank at downstream side of bridge on county road, 0.6 mi downstream from West Fork White River, 0.8 mi downstream from Lake Sequoyah Dam on White River, 4.3 mi east of Fayetteville and at mile 684.0. Drainage area is 400 mi ² .	1963-94f 1995	5-8-95	20.70	23,400	11-19-85	30.45	81,600
07048900 Whitener Branch Tributary near Spring Valley	Lat 36°10'24", long 93°54'59", in SE ¹ / ₄ NW ¹ / ₄ sec.1, T.17 N., R.28 W., Washington County, Hydrologic Unit 11010001, at culvert on State Highway 68, 1.0 mi east of Spring Valley. Drainage area is 1.07 mi ² .	1960-95	6-10-95	7.11	215	07-25-60	17.60	1,410
07049000 War Eagle Creek near Hindsville	Lat 36°12'02", long 93°51'16", in SE ¹ / ₄ NE ¹ / ₄ sec.28, T.18 N., R.27 W., Madison County, Hydrologic Unit 11010001, on left bank about 800 ft above bridge on State Highway 45, 3.9 mi north of Hindsville. Drainage area is 263 mi ² .	1953-70f 1971-77, 1985-95	5-8-95	14.75	9,440	11-19-85	28.49	49,000
07050180 Kings River above Kingston	Lat 36°01'07", long 93°32'21", in NE ¹ / ₄ SE ¹ / ₄ sec.29, T.16 N., R.24 W., Madison County, Hydrologic Unit 11010001, on State Highway 74, 2 mi southwest of Kingston. Drainage area is 63.6 mi ² .	1992, 1993-95	5-8-95	9.41	a	10-29-91	14.39	a
07050285 Osage Creek at Osage	Lat 36°11'19", long 93°32'21", in NW ¹ / ₄ SE ¹ / ₄ sec.27, T.18 N., R.23 W., Carroll County, Hydrologic Unit 11010001, at bridge on State Highway 68, 0.7 mi northwest of Osage. Drainage area is 82.3 mi ² .	1989-95	1-14-95	8.56	a	05-03-90	14.91	a
07054410 Bear Creek near Omaha	Lat 36°26'50", long 92°56'00", in NE ¹ / ₄ NE ¹ / ₄ NW ¹ / ₄ sec.26, T.21 N., R.20 W., Boone County, Hydrologic Unit 11010003, attached to downstream end of bridge pier near right bank on State Highway 14 near Omaha. Drainage area is 133 mi ² .	1995	1-13-95	8.78	9,000	01-13-95	8.78	9,000

MISSISSIPPI RIVER MAIN STEM

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Maximum discharge at crest-stage partial-record stations (Continued)

Station number and name	Location and drainage area	Period of Record	Water year 1995 maximum		Period of record maximum			
			Date	Gage height (ft) Discharge (ft ³ /s)	Date	Gage height (ft) Discharge (ft ³ /s)		
WHITE RIVER BASIN-CONTINUED								
07054450 East Sugarloaf tributary near Lead Hill	Lat 36°22'28", long 92°49'52", in NW1/4NW1/4 sec.19, T.20 N., R.17 W., Marion County, Hydrologic Unit 11010003, at culvert on State Highway 14, 5.0 mi southeast of Lead Hill. Drainage area is 0.85 mi ² .	1962-95	11-5-94	8.18	320	10-13-68	15.30	2,480
07055000 White River near Filppin	Lat 36°18'35", long 92°33'28", in NE1/4NW1/4 sec.10, T.19 N., R.15 W., Marion County, Hydrologic Unit 11010003, on right bank 1.4 mi upstream from Hightower Creek, 3.2 mi northeast of Filppin. Drainage area is 6,081 mi ² .	1928-80f 1981-91, 1992-95g	2-16-95	12.91	—	04-17-45	39.82	215,000
07055608 Crooked Creek at Yellville	Lat 33°13'23", long 92°40'47" in NW1/4NE1/4 sec.9, T.18 N., R.16 W., Marion County, Hydrologic Unit 11010003, on left bank at bridge on State Highway 14 at Yellville. Drainage area is 406 mi ² .	1958-88 1988-94f 1995	1-13-95	14.37	10,900	05-03-90	25.20	38,700
07058980 Bennett's River at Vidette	Lat 36°25'19", long 92°07'07", in SW1/4SE1/4SE1/4 sec.2, T.20 N., R.11 W., Fulton County, Hydrologic Unit 11010006, on State Highway 87, 2.9 mi north from intersection with State Highway 62. Drainage area is 68.2 mi ² .	1995	11-5-94	10.99	a	11-05-94	10.99	a
07059450 Big Creek near Elizabeth	Lat 36°21'25" long 92°06'48", in NE1/4SE1/4NW1/4 sec.36, T.20 N., R.11 W., Fulton County, Hydrologic Unit 11010006, at downstream right bank bridge abutment on State Highway 87, 1.9 mi northwest of Elizabeth.	1995	11-5-94	15.15	a	11-05-94	15.15	a
07061000 White River at Batesville	Lat 35°45'35", long 91°38'28", in NE1/4NW1/4 sec.21, T.13 N., R.6 W., Independence County, Hydrologic Unit 11010004, at bridge on U.S. Highway 167 in Batesville. Drainage area is 11070 mi ² .	1937-58f 1986- 1994f 1995g	11-6-94	15.50	—	04-16-45	29.43	324,000
07069000 Black River at Pocahontas	Lat 36°15'14", long 90°58'12", in SW1/4SW1/4 sec.27, T.19 N., R.1 E., Randolph County, Hydrologic Unit 11010009, at bridge on U.S. Highway 67 at Pocahontas. Drainage area is 4,845 mi ² .	1937-70f 1971-78, 1981-94 1995g	11-13-94	18.07	—	12-07-82	25.22	66,300
07069250 Brush Creek near Mammoth Spring	Lat 36°25'36", long 91°29'27", in SE1/4SE1/4 sec.34, T.21 N., R.5 W., Fulton County, Hydrologic Unit 11010010, at culvert on U.S. Highway 63, 5.5 mi southeast of Mammoth Spring. Prior to 1967 published as Spring River Tributary near Mammoth Spring. Drainage area is 0.48 mi ² .	1961-95	—	<6.93	<70	04-22-73	15.05	960
07069410 Ferguson Creek near Ravenden Springs	Lat 36°17'29", long 91°14'29", in NE1/4SE1/4 sec.13, T.19 N., R.3 W., Randolph County, Hydrologic Unit 11010010, at bridge on State Highway 90, 1.9 mi southwest of Ravenden Springs. Drainage area is 3.79 mi ² .	1989-95	8-7-95	6.86	942	01-04-93	c7.52	h1,300
07069500 Spring River at Imboden	Lat 36°12'19", long 91°10'19", in SE1/4NE1/4 sec.15, T.18 N., R.2 W., Randolph County, Hydrologic Unit 11010010, near left bank on downstream side of bridge on U.S. Highway 62 at Imboden, 1.8 mi upstream from Harding Creek, 3.9 mi downstream from Janes Creek, 8.2 mi upstream from Eleven Point River, and at mile 12.1. Drainage area is 1183 mi ² .	1936-94f, 1995	11-6-94	21.07	27,400	12-03-82	b38.12	244,000
07072000 Eleven Point River near Ravenden Springs	Lat 36°20'48", long 91°06'48", in SE1/4SE1/4 sec.30, T.20 N., R.1 W., Randolph County, Hydrologic Unit 11010010, on right bank at upstream side of bridge on State Highway 90, 0.9 mi downstream from Hincha Creek, 1.9 mi upstream from Eassie Creek, 6.6 mi northeast of Ravenden Springs and at mile 21.2. Drainage area is 1,134 mi ² .	1929-33f, 1935-94f, 1995	11-6-94	16.53	17,300	12-03-82	b29.06	162,000
07073500 Piney Fork near Evening Shade	Lat 36°04'50", long 91°36'39", in SE1/4NE1/4 sec.34, T.17 N., R.6 W., Sharp County, Hydrologic Unit 11010012, on right bank, 20 ft upstream from bridge on U.S. Highway 167, 0.8 mi north of Evening Shade. Drainage area is 99.2 mi ² .	1939-84f 1985-94, 1995g	5-1-95	9.85	—	12-03-82	30.32	50,400
07074000 Strawberry River near Poughkeepsie	Lat 36°06'37", long 91°26'59", in SE1/4NW1/4 sec.19, T.17 N., R.4 W., Sharp County, Hydrologic Unit 11010012, on left bank 250 ft upstream of bridge on State Highway 58, 0.5 mi downstream from Hurricane Creek, 2.5 mi northeast of Poughkeepsie, and at mile 35.9. Drainage area is 473 mi ² .	1936-94f 1995	11-5-94	13.01	9,870	12-03-82	b35.90	158,000

MISSISSIPPI RIVER MAIN STEM

Maximum discharge at crest-stage partial-record stations (Continued)

Station number and name	Location and drainage area	Period of Record	Water year 1995 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
WHITE RIVER BASIN--CONTINUED								
07074420 Black River at Elgin Ferry	Lat 35°45'51", long 91°17'40", in NW1/4SE1/4 sec.15, T.13 N., R.3 W., Jackson County, Hydrologic Unit 11010009, on left bank 500 ft downstream from State Highway 37 at Elgin Ferry. Drainage area is 8,418 mi ² .	1979-94 1995g	5-4-95	21.84	—	12-04-82	b27.7	a
07074850 White River near Augusta	Lat 35°18'02", long 91°23'35", in SE1/4SE1/4 sec.22, T.8 N., R.4 W., Woodruff County, Hydrologic Unit 11010013, on left bank of Taylor Bay 0.5 mi upstream from White River, 0.7 mi from bridge on U.S. Highway 64 and 1.5 mi northwest of Augusta. Drainage area is 20,464 mi ² .	1983-94, 1995g	12-14-94	31.81	—	12-07-82	38.31	250,000
07074865 Glaise Creek near Bradford	Lat 35°27'45", long 91°32'49", in NW1/4SW1/4 sec.28, T.10 N., R.5 W., Jackson County, Hydrologic Unit 11010013, at bridge on State Highway 87, 5.9 mi northwest of Bradford. Drainage area is 8.35 mi ² .	1989-95	11-5-94	6.11	920	01-06-91	8.40	a
07075000 Middle Fork Little Red River at Shirley	Lat 35°39'25", long 92°17'34", in SW1/4 sec.20, T.12 N., R.12 W., Van Buren County, Hydrologic Unit 11010014, on right bank 0.5 mi downstream from Sugar Camp or Weavers Creek, 1.0 mi east of Shirley. Drainage area is 302 mi ² .	1939-84f 1985-94 1995g	11-5-94	18.99	—	12-03-82	37.53	241,000
07075300 South Fork Little Red River at Clinton	Lat 35°35'29", long 92°27'20", in SW1/4 sec.14, T.11 N., R.14 W., Van Buren County, Hydrologic Unit 11010014, near right bank on upstream side of bridge on U.S. Highway 65 at Clinton, 0.2 mi upstream from Archey Creek, and at mile 23.7. Drainage area is 148 mi ² .	1961-94f 1995	11-5-94	12.62	6,630	12-03-82	b34.27	67,900
07075600 Choctaw Creek tributary near Choctaw	Lat 35°31'30", long 92°25'03", in SE1/4SW1/4 sec.6, T.10 N., R.13 W., Van Buren County, Hydrologic Unit 11010014, at culvert on State Highway 330, 1.4 mi east of Choctaw. Drainage area is 1.36 mi ² .	1964-95	4-10-95	11.65	405	12-03-82	19.07	1,760
07075800 Dill Branch tributary near Ida	Lat 35°32'36", long 91°57'25", in SW1/4NE1/4 sec.33, T.11 N., R.9 W., Cleburne County, Hydrologic Unit 11010014, at culvert on State Highway 25, 3.5 mi southwest of Ida. Prior to 1975 published as Peter Creek tributary near Ida. Drainage area is 0.11 mi ² .	1964-95	a	a	a	04-02-79	9.96	230
07076630 Key Branch near Searcy	Lat 35°14'47", long 91°47'01", in NW1/4SW1/4 sec.8, T.7 N., R.7 W., White County, Hydrologic Unit 11010014, at culvert on State Highway 36, 2.8 mi west of Searcy. Prior to 1964 published as Little Red River tributary near Searcy. Drainage area is 0.66 mi ² .	1961-95	4-11-95	5.71	157	11-24-73	7.79	573
07076750 White River at Georgetown	Lat 35°07'45", long 91°27'00", in SW1/4SW1/4 sec.20, T.6 N., R.4 W., White County, Hydrologic Unit 08020301, on right bank at Arkansas Game and Fish Commission boat launching area at Georgetown, and at mile 167. Drainage area is 22,387 mi ² .	1990-94f, 1995	12-18-94	20.96	59,900	04-23-91	22.75	78,500
07076870 Pigeon Roost Creek at Butlerville	Lat 34°58'36", long 91°50'38", in NW1/4NE1/4 sec.15, T.4 N., R.8 W., Lenoire County, Hydrologic Unit 08020301, at bridge on State Highway 38, 0.6 mi west of Butlerville. Drainage area is 23.0 mi ² .	1961-95	4-11-95	9.46	640	04-21-74	12.62	8,800
07077100 Big Creek near Boydsville	Lat 36°22'12", long 90°19'50", in SE1/4NW1/4, sec.16, T.20 N., R.7 E., Clay County, Hydrologic Unit 08020302, at bridge on county road, 0.5 mi south of Crockett and 4.0 mi northeast of Boydsville. Drainage area is 12.9 mi ² .	1962-81, 1993-95	1-18-95	17.62	a	04-19-73	19.14	5,700
07077200 Big Creek tributary near Boydsville	Lat 36°22'32", long 90°19'56", in SE1/4SW1/4 sec.9, T.20 N., R.7 E., Clay County, Hydrologic Unit 08020302, at culvert on county road, 0.1 mi west of Crockett, and 4.1 mi northeast of Boydsville. Drainage area is 1.58 mi ² .	1962-95	11-5-94	6.87	280	05-08-84	9.65	730
07077430 Willow Ditch near Egypt	Lat 35°56'29", long 90°56'33", in SW1/4SW1/4 sec.12, T.15 N., R.1 E., Lawrence County, Hydrologic Unit 08020302, at culvert on State Highway 91, 5.1 mi north of Egypt. Drainage area is 0.25 mi ² .	1963-95	8-7-95	6.10	a	12-21-91	6.37	112

Maximum discharge at crest-stage partial-record stations (Continued)

Station number and name	Location and drainage area	Period of Record	Water year 1995 maximum		Period of record maximum			
			Date	Gage height (ft) Discharge (ft ³ /s)	Date	Gage height (ft) Discharge (ft ³ /s)		
WHITE RIVER BASIN—CONTINUED								
07077650 Big Creek near Jonesboro	Lat 35°51'11", long 90°45'00", in SE1/4SE1/4 sec.10, T.14 N., R.3 E., Craighead County, Hydrologic Unit 08020302, at bridge on State Highway 63, 1.3 mi west of Jonesboro. Drainage area is 50.6 mi ² .	1989-95	1-18-95	14.58 2,060	04-13-93	20.57 a		
07077655 Christian Creek at GE Drive at Jonesboro	Lat 35°50'29", long 90°43'33", in NW1/4SW1/4 sec.3, T.14 N., R.3 E., Craighead County, Hydrologic Unit 08020302, 100 ft west of Gee Street in Jonesboro, on bridge at entrance to General Electric plant. Drainage area is 3.78 mi ² .	1993-95	1-18-95	<10.60 a	06-15-94	13.00 a		
*07077920 Big Creek at Goodwin	Lat 34°56'22", long 91°00'55", in NE1/4NE1/4 sec.29, T.4 N., R.1 E., St. Francis County, Hydrologic Unit 08020304, at bridge on U.S. Highway 70, 0.3 mi east of Goodwin. Drainage area is 31.1 mi ² .	1961-95	4-11-95	9.34 620	12-25-87	10.35 1,250		
07077940 Spring Creek near Aubrey	Lat 34°41'16", long 90°53'45", in SW1/4SE1/4 sec.16, T.1 N., R.2 E., Lee County, Hydrologic Unit 08020304, at bridge on State Highway 121, 2.1 mi south of Aubrey. Drainage area is 38.0 mi ² .	1962-80, 1993-95	4-11-95	13.72 1,250	07-22-80	16.03 2,100		
ARKANSAS RIVER BASIN								
07249447 Mill Creek at Fort Smith	Lat 35°20'34", long 95°25'20", in NW1/4NW1/4 sec.33, T.8 N., R.32 W., Sebastian County, Hydrologic Unit 11110104, on right bank 30 ft upstream from bridge on Towson Avenue in Fort Smith. Drainage area is 10 mi ² .	1960-63, 1981-95	6-10-95	32.07 a	05-02-90	36.40 2,400		
07249457 May Branch at Fort Smith	Lat 35°22'30", long 95°23'51", in NE1/4SW1/4 sec.15, T.8 N., R.32 W., Sebastian County, Hydrologic Unit 11110104, on upstream side of bridge on Free Ferry Road. Drainage area is 1.0 mi ² .	1981-86, 1993-95	1-13-95	5.65 220	12-02-82	8.01 580		
07249490 Lee Creek near Lee Creek	Lat 35°42'12", long 95°19'37", in NW1/4SE1/4 sec.19, T.12 N., R.31 W., Crawford County, Hydrologic Unit 11110104, at bridge on State Highway 220, 1.8 mi northeast of Lee Creek. Drainage area is 93.5 mi ² .	1989-95	5-8-95	11.12 a	05-03-90	14.93 a		
07249500 Cove Creek near Lee Creek	Lat 35°43'20", long 95°24'28", in SW1/4NW1/4 sec.16, T.12 N., R.32 W., Crawford County, Hydrologic Unit 11110104, at bridge on U.S. Forest Service road, 4.5 mi northwest of Lee Creek. Drainage area is 35.3 mi ² .	1951-70f 1971-95	5-8-95	8.33 4,100	05-05-60	15.60 33,600		
07249950 Webber Creek tributary near Cedarville	Lat 35°36'00", long 92°22'49", in SE1/4SE1/4 sec.27, T.11 N., R.32 W., Crawford County, Hydrologic Unit 11110104, at culvert on State Highway 59, 2.3 mi north of Cedarville. Drainage area is 0.34 mi ² .	1962-95	5-8-95	6.28 36	10-26-70	7.71 274		
07251500 Frog Bayou at Rudy	Lat 35°31'32", long 95°16'18", in SW1/4SW1/4 sec.23, T.10 N., R.31 W., Crawford County, Hydrologic Unit 11110104, at bridge on State Highway 282 at Rudy. Drainage area is 216 mi ² .	1951-70f 1971-95	5-8-95	11.59 11,800	05-30-90	18.76 41,300		
07251790 Mulberry River near Oark	Lat 35°41'01", long 93°35'57", in NW1/4SE1/4 sec.24, T.12 N., R.25 W., Johnson County, Hydrologic Unit 11110201, at bridge on State Highway 103, 1.5 mi west of Oark. Drainage area is 70.2 mi ² .	1988-95	11-5-94	10.99 a	11-05-94	10.99 a		
07252000 Mulberry River near Mulberry	Lat 35°34'37", long 94°00'55", in SE1/4SW1/4 sec.31, T.11 N., R.29 W., Franklin County, Hydrologic Unit 11110201, on left bank 0.6 mi upstream from Mill Creek, 5.7 mi north of Mulberry, and at mile 11.3. Drainage area is 373 mi ² .	1938-94f, 1995	5-8-95	13.05 19,200	12-03-82	23.66 70,200		
07256490 Greenbrier Creek at Clarksville	Lat 35°28'15", long 93°27'09", in NW1/4NW1/4 sec.4, T.9 N., R.23 W., Johnson County, Hydrologic Unit 1111020, on State Highway 64 about 0.7 mi west of State Highway 21 North junction, at Clarksville. Drainage area is 26.7 mi ² .	1993-95	11-5-94	8.57 a	11-05-94	8.57 a		
*07256500 Spadra Creek at Clarksville	Lat 35°28'06", long 93°27'46", in NW1/4NE1/4 sec.5, T.9 N., R.23 W., Johnson County, Hydrologic Unit 11110202, on right bank at Clarksville, 0.2 mi downstream from bridge on U.S. Highway 64. Drainage area 61.1 mi ² .	1953-70f 1971-94d	1-26-95	14.4 13,200	06-05-74	19.93 27,400		

MISSISSIPPI RIVER MAIN STEM

Maximum discharge at crest-stage partial-record stations (Continued)

Station number and name	Location and drainage area	Period of Record	Date	Water year 1995 maximum		Period of record maximum		
				Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
ARKANSAS RIVER BASIN--CONTINUED								
07256700 Big Shoal Creek near New Blaine	Lat 35°17'30", long 93°27'37", in NW1/4SE1/4 sec.5, T.7 N., R. 23 W., Logan County, Hydrologic Unit 11110202, at bridge on State Highway 22, 2.3 mi west of New Blaine. Drainage area is 50.0 mi ² .	1989-95	11-5-94	12.86	7,600	05-03-90	19.11	a
07257100 Minnow Creek tributary near Hagarville	Lat 35°30'11", long 93°21'56", in SE1/4SE1/4 sec.19, T.10 N., R.22 W., Johnson County, Hydrologic Unit 11110202, at culvert on State Highway 123, 2.6 mi southwest of Hagarville. Drainage area is 0.20 mi ² .	1962-95	11-5-94	6.00	140	04-24-70	6.62	176
*07257200 Little Piney Creek near Lamar	Lat 35°26'54", long 93°20'17", in SW1/4NE1/4 sec.9, T.9 N., R.22 W., Johnson County, Hydrologic Unit 11110202, on left bank 600 ft upstream from State Highway 359 bridge, 3.0 mi east of Lamar. Drainage area is 154 mi ² .	1978-95	11-5-94	14.02	10,900	12-03-82	15.35	13,300
07257500 Illinois Bayou near Scottsville	Lat 35°27'58", long 93°02'28", in SE1/4SW1/4 sec.32, T.10 N., R.19 W., Pope County, Hydrologic Unit 11110202, at bridge on county road, 1.3 mi north of Scottsville. Drainage area is 241 mi ² .	1948-70f 1971-95	11-5-94	17.45	23,100	12-03-82	27.49	130,000
07258000 Arkansas River at Dardanelle	Lat 35°13'34", long 93°08'58", in SW1/4 sec.29, T.7 N., R.20 W., Pope County, Hydrologic Unit 11110203, near left bank on upstream side of bridge on State Highway 7 at Dardanelle, 1.0 i upstream from Whig Creek, 2.0 mi downstream from Dardanelle Dam, 4.7 mi downstream from Illinois Bayou, and at mile 219.5. Drainage area is 153,670 mi ² .	1937-94f, 1995	6-16-95	33.38	205,000	05-13-43, 05-14-43, 05-25-43	43.60	683,000
07258200 Pack Saddle Creek tributary near Waldron	Lat 34°58'18", long 95°05'42", in SE1/4SE1/4 sec.29, T.4 N., R.29 W., Scott County, Hydrologic Unit 11110105, at culvert on U.S. Highway 71, 5.2 mi north of Waldron. Drainage area is 0.92 mi ² .	1961-95	5-8-95	3.28	52	05-13-68	9.42	689
07258500 Petit Jean River near Booneville	Lat 35°06'25", long 93°55'25", in NW1/4NW1/4 sec.18, T.5 N., R.27 W., Logan County, Hydrologic Unit 11110204, on right bank at downstream side of bridge on State Highway 23, 0.5 mi downstream from Fletcher Creek, 2.3 mi south of Booneville. Drainage area is 241 mi ² .	1938-84f 1985-95	11-5-94	21.29	16,200	04-16-39	23.42	43,200
07260000 Dutch Creek at Waltrick	Lat 34°59'15", long 93°36'45", in SE1/4NW1/4 sec.24, T.4 N., R.25 W., Yell County, Hydrologic Unit 11110204, on left bank 0.2 mi north of Waltrick. Drainage area is 81.4 mi ² .	1945-75f 1976-95	5-8-95	12.86	4,930	07-26-69	22.38	24,500
07260640 Petit Jean River near Centerville	Lat 35°04'30", long 93°11'58", in NE1/4 sec.23, T.5 N., R.21 W., Yell County, Hydrologic Unit 11110204, on right bank 300 ft upstream from State Highway 7, 3.0 mi southeast of Centerville. Drainage area is 927 mi ² .	1988-90g 1991-94, 1995g	12-11-94	18.18	—	05-05-90	26.40	—
*07260673 West Fork Point Remove Creek near Hattiesville	Lat 35°19'25", long 92°52'22", in NE1/4SE1/4 sec.23, T.8 N., R.18 W., Pope County, Hydrologic Unit 11110203, on right bank about 300 ft upstream from State Highway 247 bridge, 0.4 mi downstream from Hackers Creek, 5.5 mi northwest of Hattiesville. Drainage area is 222 mi ² .	1978-95	1-13-95	16.15	2,790	12-03-82	26.62	64,100
07260679 East Fork Point Remove Creek tributary near Saint Vincent	Lat 35°16'09", long 92°44'00", in NE1/4NE1/4 sec.7, T.7 N., R.16 W., Conway County, Hydrologic Unit 11110203, at culvert on State Highway 213, 2.2 mi south of Saint Vincent. Drainage area is 0.09 mi ² .	1967-95	4-11-95	6.84	54	12-03-82	8.24	102
07261250 Cadron Creek near Conway	Lat 35°06'51", long 92°31'30", in NE1/4SE1/4 sec.31, T.6 N., R.14 W., Faulkner County, Hydrologic Unit 11110205, about 600 ft downstream from bridge on U.S. Highway 64, 4.0 mi west of Conway. Drainage area is 752 mi ² .	1979-94 1995g	6-17-95	18.84	—	05-07-90	25.80	a
07261500 Fourche LaFave River near Gravelly	Lat 34°52'21", long 93°39'24", in NW1/4NW1/4 sec.34, T.3 N., R.25 W., Yell County, Hydrologic Unit 11110206, near left bank on downstream side of bridge on State Highway 28, 1.2 mi downstream from Garner Creek, 1.9 mi east of Gravelly, 6.4 mi upstream from Gaffords Creek, and at mile 103.7. Drainage area is 410 mi ² .	1939-94f, 1995	5-8-95	21.10	23,500	120-3-82	b32.45	162,000

MISSISSIPPI RIVER MAIN STEM

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Maximum discharge at crest-stage partial-record stations (Continued)

Station number and name	Location and drainage area	Period of Record	Water year 1995 maximum		Period of record maximum				
			Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)	
ARKANSAS RIVER BASIN--CONTINUED									
07261800 Brogran Creek near Rover	Lat 34°54'27", long 93°24'06", in NW1/4SE1/4 sec.13, T.3 N., R.23 W., Yell County, Hydrologic Unit 11110206, at culvert on State Highway 27, 2.7 mi south of Rover. Prior to 1968 published as Fourche LaFave River tributary near Rover. Drainage area is 1.04 mi ² .	1963-95	11-6-94	4.80	150	12-03-82	b10.65	1,260	
07263012 Fourche LaFave River near Aplin	Lat 34°57'37", long 92°58'50", in E1/2NE1/4 sec.35, T.4 N., R.19 W., Perry County, Hydrologic Unit 11110204, on right bank 30 ft upstream from bridge on State Highway 155, 1.0 mi south of Aplin. Drainage area is 957 mi ² .	1980-95	5-8-95	20.09	10,300	12-03-82	36.10	a	
07263100 Fourche LaFave Tributary near Perryville	Lat 35°01'14", long 92°48'06", in NW1/4SW1/4 sec.1, T.4 N., R.17 W., Perry County, Hydrologic Unit 11110206, at culvert on State Highway 60, 2.2 mi northeast of Perryville. Drainage area is 1.47 mi ² .	1962-95	3-27-95	9.28	640	12-03-82	11.45	1,150	
07263115 Fourche LaFave River near Houston	Lat 35°00'44", long 92°43'24", in NW1/4NE1/4 sec.8, T.4 N., R.16 W., Perry County, Hydrologic Unit 11110206, at left bank at downstream side of bridge on State Highway 216, 2.4 mi southwest of Houston. Drainage area is 1,058 mi ² .	1988-94, 1995g	6-18-95	29.55	—	05-08-90	37.35	a	
07263400 Little Maumelle River at Ferndale	Lat 34°46'48", long 92°33'15", in NW1/4SE1/4 sec.25, T.2 N., R.15 W., Pulaski County, Hydrologic Unit 11110207, at bridge on Congo Road, 0.2 mi northeast of Ferndale. Drainage area is 15.0 mi ² .	1963-86, 1993-95	12-9-94	6.76	720	03-10-73	15.01	10,800	
07263450 Arkansas River at Murray Dam at Little Rock	Lat 34°47'27", long 92°21'32", in sec.23, T.2 N., R.13 W., Pulaski County, Hydrologic Unit 11110207, in metal shelter on dam and at mile 141.5. Drainage area is 158,030 mi ² .	1927-94f, 1995	6-17-95	248.13	246,000	05-27-43	130.05	536,000	
07263580 Rock Creek at Little Rock	Lat 34°43'13", long 92°21'32", in NW1/4SW1/4 sec.13, T.1 N., R.13 W., Pulaski County, Hydrologic Unit 11110207, at west 36th Street bridge in Little Rock. Drainage area is 20.5 mi ² .	1978-88 1989-94g 1995	3-26-95	6.57	a	09-13-78	18.22	22,500	
07263590 Coleman Creek at Little Rock	Lat 34°45'07", long 92°20'02", in SE1/4NW1/4 sec.6, T.1 N., R.12 W., Pulaski County, Hydrologic Unit 11110207, at Markham and N. Tyler in Little Rock. Drainage area is 1.08 mi ² .	1990-95	4-11-95	14.11	410	05-19-90	17.50	a	
07264050 Bayou Two Prairie near Cabot	Lat 34°51'32", long 91°58'48", in SW1/4NW1/4 sec.28, T.3 N., R.9 W., Lonoke County, Hydrologic Unit 08020402, at bridge on State Highway 89, 1.8 mi north of Furlow. Drainage area is 84.9 mi ² .	1988-95	1-18-95	9.09	a	12-28-87	c12.12	c5,200	
RED RIVER BASIN									
07339500 Rolling Fork near DeQueen	Lat 34°02'51", long 95°24'47", in SW1/4SW1/4 sec.21, T.8 S., R.32 W., Sevier County, Hydrologic Unit 11140109, near of span on downstream side of bridge on U.S. Highway 70, 4.0 mi, west of DeQueen. Drainage area is 182 mi ² .	1948-80f 1981-95	4-13-95	8.86	1,950	12-10-71	24.23	71,000	
07340500 Cossatot River near DeQueen	Lat 34°02'45", long 95°12'42", in NE1/4NE1/4 sec.29, T.8 S., R.30 W., Sevier County, Hydrologic Unit 11140109, near right bank on downstream side of bridge on U.S. Highway 71, 7.0 mi east of DeQueen. Drainage area is 360 mi ² .	1938-80f 1981-95	5-8-95	11.01	6,240	05-13-68	22.60	122,000	
07341000 Saline River near Dierks	Lat 34°05'45", long 95°05'04", in NW1/4SW1/4 sec.3, T.8 S., R.29 W., Howard County, Hydrologic Unit 11140109, near left bank on downstream side of U.S. Highway 70, 4.0 mi southwest of Dierks. Drainage area is 121 mi ² .	1938-80f 1981-95	3-7-95	10.88	3,210	05-13-68	22.95	59,200	
07341260 Dillard Creek near Nashville	Lat 33°26'04", long 93°54'45", in NE1/4NE1/4 sec.30, T.9 S., R.27 W., Howard County, Hydrologic Unit 11140109, at bridge on State Highway 24, 4.1 mi west of Nashville. Drainage area is 5.82 mi ² .	1989-95	5-8-95	9.07	a	05-08-95	9.07	a	
07344280 Nix Creek at E. 12th Street at Texarkana	Lat 33°26'04", long 95°01'33", in NW1/4SW1/4 sec.20, T.15 S., R.28 W., Miller County, Hydrologic Unit 11140302, at bridge on E. 12th Street at Texarkana, 0.1 mi west of junction with U.S. Highway 67. Drainage area is 8.87 mi ² .	1993	1-18-95	16.76	a	01-18-95	16.76	a	

MISSISSIPPI RIVER MAIN STEM

Maximum discharge at crest-stage partial-record stations (Continued)

Station number and name	Location and drainage area	Period of Record	Water year 1995 maximum			Period of record maximum			
			Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)	
RED RIVER BASIN--CONTINUED									
07344285 Swampoodle Creek at Broad Street at Texarkana, Texas	Lat 33°25'06", long 95°02'57", in Bowie County, Texas, Hydrologic Unit 11140302, at bridge on Broad Street, 0.4 mi southwest of Arkansas-Texas state line. Drainage area is 424 mi ² .	1993	1-18-95	17.28	a	01-18-95	17.28	a	
07348635 Big Creek tributary at Magnolia	Lat 33°15'51", long 93°13'56", in NW1/4NE1/4 sec.13, T.17 S., R.21 W., Columbia County, Hydrologic Unit 11140203, at Dudley and Grayson St. in Magnolia. Drainage area is 0.34 mi ² .	1990-95	12-10-94	15.10	a	04-28-91	17.70	a	
07355800 Lewis Creek tributary near Mena	Lat 34°37'15", long 95°12'15", in NE1/4SW1/4 sec.33, T.1 S., R.30 W., Polk County, Hydrologic Unit 08040101, at culvert on U.S. Highway 71, 3.1 mi northeast of Mena. Drainage area is 0.65 mi ² .	1961-95	5-8-95	3.14	137	10-08-90	6.23	560	
07357740 Bear Creek near Royal	Lat 34°30'30", long 93°15'21", in NE1/4NW1/4 sec.4, T.3 S., R.21 W., Garland County, Hydrologic Unit 08040101, at bridge on U.S. Highway 270, 1.0 mi west of Royal. Drainage area is 5.99 mi ² .	1989-95	a	a	a	03-08-90	6.42	a	
07357860 Stokes Creek at Kimery Road at Hot Springs	Lat 34°28'36", long 93°04'52", in SE1/4NW1/4 sec.18, T.3 S., R.19 W., Garland County, Hydrologic Unit 08040101, at bridge on Kimery Road, 2.8 mi southwest of Hot Springs Post Office. Drainage area is 3.02 mi ² .	1993-95	11-5-94	4.49	a	11-05-94	4.49	a	
07359710 Rock Creek near Glenwood	Lat 34°18'34", long 93°32'21", in NW1/4NE1/4 sec.14, T.5 S., R.24 W., Pike County, Hydrologic Unit 08040102, at bridge on State Highway 8, 1.3 mi southeast of Glenwood. Drainage area is 8.62 mi ² .	1989-95	5-8-95	7.90	1,800	05-20-90	13.58	7,450	
07359805 Valley Creek near Point Cedar	Lat 34°19'17", long 93°15'24", in NW1/4NE1/4 sec.9, T.5 S., R.21 W., Hot Spring County, Hydrologic Unit 08040102, at bridge on State Highway 84, 2.9 mi east of Point Cedar. Drainage area is 7.62 mi ² .	1989-95	2-27-95	10.09	2,350	05-20-90	16.9	10,500	
07360100 L'Eau Fraie at Joan	Lat 34°06'27", long 92°55'22", in SW1/4NE1/4 sec.22, T.7 S., R.18 W., Clark County, Hydrologic Unit 08040102, at bridge on State Highway 128, 0.7 mi southeast of Joan. Drainage area is 74.2 mi ² .	1989-95	1-5-94 3-29-89 3-8-90 10-9-90 10-29-91 4-14-93 12-3-93	4.91 c.6.93 c7.18 c5.62 c6.19 c8.16 c6.85	840 a a c1,070 c1,250 a a	04-14-93	8.16	a	
07360200 Little Missouri River near Langley	Lat 34°18'41", long 93°53'58", in NW1/4SW1/4 sec.16, T.5 S., R.27 W., Pike County, Hydrologic Unit 08040103, at bridge on State Highway 84, 3.3 mi west of Langley. Drainage area is 68.4 mi ² .	1989-95	11-5-94 11-19-88 3-8-90 10-8-90 12-9-91 12-3-93	8.55 c8.37 c14.34 c10.52 c10.04 c13.55	a a a a a a	03-08-90	c14.34	a	
07360225 Little Blocker Creek near Langley	Lat 34°18'41", long 93°49'06", in SE1/4NE1/4 sec.18, T.5 S., R.26 W., Pike County, Hydrologic Unit 08040103, at bridge on State Highway 84, 1.3 mi east of Langley. Drainage area is 5.74 mi ² .	1989-95	5-8-95	7.51	a	12-03-93	11.79	a	
07361180 South Fork Ozan Creek near Ozan	Lat 33°49'15", long 93°42'28", in SE1/4SW1/4 sec.5, T.11 S., R.25 W., Hempstead County, Hydrologic Unit 08040103, at bridge on State Highway 4, 2.0 mi south of Ozan. Drainage area is 17.7 mi ² .	1963-95	4-11-95	6.26	a	04-19-73	25.06	8,360	
07361760 Bell Creek near Hollywood	Lat 34°05'47", long 93°16'53", in NW1/4NE1/4 sec.31, T.7 S., R.21 W., Clark County, Hydrologic Unit 08040103, at bridge on State Highway 26, 2.0 mi west of Hollywood. Drainage area is 9.22 mi ² .	1988-95	11-5-94	7.26	a	12-26-87	14.0	a	
07361894 Mill Creek Near Holly Springs	Lat 33°46'01", long 92°39'52", in SE1/4SW1/4 sec.17, T.11 S., R.15 W., Ouachita County, Hydrologic Unit 08040102, at bridge on State Highway 203, 4.2 mi southeast of Holly Springs. Drainage area is 9.01 mi ² .	1989-95	2-22-94 1-19-95	c10.75 11.08	c320 360	03-08-90	13.07	a	
07362330 Dunn Creek near Hampton	Lat 33°32'05", long 92°30'55", in SE1/4NW1/4 sec.2, T.14 S., R.14 W., Calhoun County, Hydrologic Unit 08040201, at bridge on State Highway 4, 2.8 mi west of Hampton. Drainage area is 13.6 mi ² .	1962-95	4-11-95	7.54	810	05-01-66	10.11	4,240	

MISSISSIPPI RIVER MAIN STEM

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Maximum discharge at crest-stage partial-record stations (Continued)

Station number and name	Location and drainage area	Period of Record	Water year 1995 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
RED RIVER BASIN--CONTINUED								
07362500 Moro Creek near Fordyce	Lat 33°47'32", long 92°20'00", in NW1/4NW1/4 sec.3, T.11 S., R.12 W., Calhoun-Cleveland County line, Hydrologic Unit 08040201, on downstream side of bridge on State Highway 8, 4.0 mi southeast of Fordyce. Drainage area is 240 mi ² .	1952-83f 1984-95	1-21-95	12.38	3,110	05-02-58	16.47	26,800
07362715 Big Creek near Crow	Lat 34°37'00", long 92°43'35", in NE1/4NW1/4 sec.28, T.1 S., R.16 W. Saline County, Hydrologic Unit 08040203, at bridge on State Highway 5, 2.5 mi east of Crow. Drainage area is 4.7 mi ² .	1988-95	4-10-95	2.79	a	12-28-87	5.78	a
07363000 Saline River at Benton	Lat 34°34'05", long 92°36'40", in SE1/4NE1/4 sec.9, T.2 S., R.15 W. Saline County, Hydrologic Unit 08040203, on left bank 0.8 mi west of Benton, and 3.0 mi downstream from confluence of North Fork and Alum Fork. Drainage area is 550 mi ² .	1951-79f 1980-95	4-11-95	16.95	13,600	01-30-69	29.68	100,000
07363200 Saline River near Sheridan	Lat 34°06'56", long 92°24'21", in NE1/4NW1/4 sec.15, T.7 S., R.13 W., Grant County, Hydrologic Unit 08040203, on downstream side of bridge on U.S. Highway 167, 13.5 mi south of Sheridan. Drainage area is 1,123 mi ² .	1971-82f 1983-95	12-14-94	16.23	13,100	12-28-87	22.66	73,900
07363435 Derriusseau Creek near Grapevine	Lat 34°08'44", long 92°14'38", in NE1/4NW1/4 sec.5, T.7 S., R.11 W., Grant County, Hydrologic Unit 08040203, at bridge on State Highway 54, 4.2 mi east of Grapevine. Drainage area is 77.0 mi ² .	1989-95	1-19-95	9.14	950	12-26-87	10.74	1,460
07364030 L'Aigle Creek tributary near Hermitage	Lat 33°24'30", long 92°12'30", in SE1/4NW1/4 sec.14, T.15 S., R.11 W., Bradley County, Hydrologic Unit 08040204, at culvert on State Highway 15, 3.3 mi southwest of Hermitage. Prior to 1975 published as Eagle Creek tributary near Hermitage. Drainage area is 0.36 mi ² .	1963-95	1-19-95	3.60	5.0	04-14-91	7.06	a
07364110 Nevins Creek tributary near Pine Bluff	Lat 34°10'08", long 92°05'12", in NW1/4SE1/4 sec.26, T.8 S., R.10 W., Jefferson County, Hydrologic Unit 08040205, at culvert on U.S. Highway 79, 6.0 mi southwest of Pine Bluff. Prior to 1962 published as Bayou Bartholomew Tributary near Pine Bluff. Drainage area is 0.75 mi ² .	1961-95	3-7-95	4.65	80	09-24-84	10.58	600
07364128 Deep Bayou near Grady	Lat 34°02'03", long 91°42'34", in NW1/4NW1/4 sec.16, T.8 S., R.6 W., Lincoln County, Hydrologic Unit 08040205, at bridge on State Highway 11, 2.7 mi south of Grady. Drainage area is 102 mi ² .	1989-95	1-19-95 4-22-91 12-11-91 4-15-93	14.29 c15.85 c15.30 c13.18	1,800 c2,300 c2,050 c1,350	07-18-89	18.1	a
07364140 Ables Creek near Tyro	Lat 33°49'29", long 91°44'06", in NE1/4SE1/4 sec.20, T.10 S., R.6 W., Lincoln County, Hydrologic Unit 08040205, on left downstream bridge pier on State Highway 54, 1.3 mi southwest of Tyro. Drainage area is 36 mi ² .	1993-95	1-18-95	12.09	1,090	04-08-93	13.25	1,420
07364550 Caney Creek tributary near El Dorado	Lat 33°11'22", long 92°36'28", in NE1/4NW1/4 sec.1, T.18 S., R.15 W., Union County, Hydrologic Unit 08040202, at culvert on U.S. Highway 82, 3.5 mi southeast of El Dorado. Drainage area is 0.07 mi ² .	1961-95	10-16-94	7.09	43	06-08-74	12.40	978
07365800 Cornie Bayou near Three Creeks	Lat 33°02'21", long 92°56'15", in SW1/4NW1/4 sec.36, T.19 S., R.18 W., Union County, Hydrologic Unit 08040206, on left bank at downstream side of bridge on State Highway 15, 6.0 mi southwest of Three Creeks. Drainage area is 180 mi ² .	1956-87f 1990-95	6-21-93 1-27-94 4-22-95	c11.05 c10.92 11.21	c3,980 c3,510 4,550	06-08-74	17.50	65,000

a Not determined

b From floodmarks

c Revised.

d Prior to December 20, 1989 at datum 2.00 ft higher

f Operated as a continuous-record gaging station

g Operated as a stage-only station

h Not previously published

i At site and datum then in use

* Also a low-flow partial-record station

MISSISSIPPI RIVER MAIN STEM

Special Study and Miscellaneous Sites

Discharge measurements in the following table were made at special study and miscellaneous sites throughout the State.

Discharge measurements made at special study and miscellaneous sites during water year 1995

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements Date	Discharge (ft ³ /s)
ST. FRANCIS RIVER BASIN						
07047947 Second Creek near Palestine	L'Angeuille River	Lat 35°02'20", long 90°54'40", in SW ¹ / ₄ SE ¹ / ₄ sec.17, T.5 N., R.2 E., St. Francis County, Hydrologic Unit 08020205, at bridge on county road 4.0 mi north of Palestine.	a	1986-94	10-06-94 01-11-95 04-11-95 05-24-95 07-14-95	^b 0.03 127 135 ^b 2.0 ^b 20
WHITE RIVER BASIN						
07048550 West Fork White River east of Fayetteville	White River	Lat 36°03'00", long 94°04'42", in NW ¹ / ₄ sec.20, T.16 N., R.30 W., Washington County, Hydrologic Unit 11010001, at bridge on Mally Wagon Road, 0.5 mi north of State Highway 16, and 4.3 mi east of Fayetteville.	a	1985-94	10-27-94 02-22-95 04-06-95 06-09-95	4.90 58.5 41.9 805
07069170 Warm Fork Spring River near Thayer, Missouri	Black River	Lat 36°30'10", long 92°31'31", in SE ¹ / ₄ SE ¹ / ₄ sec.5, T.21 N., R.5 W., Oregon County, Mo., Hydrologic Unit 11010010 at bridge on county road, 0.6 mi east of U.S. Highway 63, 0.2 mi north of Missouri-Arkansas State line, and 1.1 mi southeast of Thayer, Mo.	a	1971-75, 1983-94	06-06-94 02-17-95	^d 142 217
07069295 South Fork Spring River at Saddle	Spring River	Lat 36°21'00", long 92°38'00", in NW ¹ / ₄ NW ¹ / ₄ sec.33, T.20 N., R.6 W., Fulton County, Hydrologic Unit 11010010, at bridge on State Highway 289, 0.2 mi southeast of Saddle.	a	1974-94	09-14-94 07-10-95	^d 23.7 73.7
07076950 Wattensaw Bayou near Hazen	White River	Lat 34°52'34", long 92°33'56", in SE ¹ / ₄ SE ¹ / ₄ sec.18, T.3 N., R.5 W., Prairie County, Hydrologic Unit 08020301, at bridge on State Highway 11, 7.0 mi north of Hazen.	a	1984-94	10-06-94 05-24-95 07-18-95 08-14-95	0 ^b 3 ^b 1.0 0
07077660 Bayou DeView near Gibson	Cache River	Lat 35°47'36", long 90°50'18", in SW ¹ / ₄ SW ¹ / ₄ sec.36, T.14 N., R.2 E., Craighead County, Hydrologic Unit 08020302, at bridge on State Highway 226, 1.8 mi northwest of Gibson.	a	1974-88	0412-95	12.8
ARKANSAS RIVER BASIN						
07188910 Butler Creek near Sulphur Springs	Elk River	Lat 36°30'44", long 94°28'54", in NW ¹ / ₄ NW ¹ / ₄ sec.35, T.21 N., R.33 W., McDonald County, Missouri, Hydrologic Unit 11070208, at county bridge about 500 ft west of State Highway 59, 0.9 mi north of State line along Highway 59, and 2.0 mi northwest of Sulphur Springs.	34.9	1971-94	02-22-95	21.4
07195400 Illinois River near Siloam Springs	Arkansas River	Lat 36°08'41", long 94°29'41", in SW ¹ / ₄ SW ¹ / ₄ sec.15, T.17 N., R.33 W., Benton County, Hydrologic Unit 11110103, at bridge on State Highway 16, 4.6 mi southeast of Siloam Springs.	509	1971-81 ^a 1982-85 1986 ^c 1987-94	10-18-94 02-22-95 04-07-95	122 394 317
07246940 Poteau River at Waldron	Arkansas River	Lat 34°53'46", long 94°03'57", in SW ¹ / ₄ SE ¹ / ₄ sec.22, T.3 N., R.29 W., Scott County, Hydrologic Unit 11110105, at bridge on State Highway 80, in Waldron.	a	1986-94	10-13-94 10-19-94 11-30-94 01-18-95 01-25-95 03-21-95 04-13-95 04-18-95 05-24-95 06-21-95 08-01-95 08-16-95 09-13-95	0 0 3.94 33.7 29.7 4.86 29.6 23.0 .65 .54 0 0 0
07246950 Poteau River northwest of Waldron	Arkansas River	Lat 34°54'47", long 94°06'28", in SE ¹ / ₄ SW ¹ / ₄ sec.17, T.3 N., R.29 W., Scott County, Hydrologic Unit 11110105, at bridge on U.S. Highway 71, 0.9 mi north of Waldron.	46.1	1993-94	10-19-94 11-30-94 01-18-95 03-21-95 04-18-95 05-24-95 06-21-95 08-16-95 09-19-95	2.29 30.7 158 21.0 66.1 3.86 4.01 1.90 2.33
07246960 Poteau River near Hon	Arkansas River	Lat 34°55'34", long 94°10'03", in SW ¹ / ₂ SE ¹ / ₄ sec.10, T.3 N., R.30 W., Scott County, Hydrologic Unit 11110105, at bridge on State Highway 80, 1.1 mi southeast of Hon.	69.5	1993-94	10-19-94 11-30-94 02-10-95 03-21-95 04-18-95 05-24-95 06-21-95 08-16-95 09-13-95	3.72 55.8 21.5 25.6 79.3 6.13 5.03 2.24 3.44

Discharge measurements made at special study and miscellaneous sites during water year 1995 (Continued)

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
ARKANSAS RIVER BASIN—CONTINUED						
07246980 Jones Creek near Hon	Poteau River	Lat 34°55'13" long 94°09'58", in SE ¹ / ₄ NE ¹ / ₄ , sec.15, T.3 N., R.30 W., Scott County, Hydrologic Unit 11110105, 500 ft east of county road, 1.6 mi southeast of Hon.	93.2	1993-94	10-19-94 11-30-94 02-10-95 03-21-95 04-18-95 05-24-95 06-21-95 08-16-95 09-13-95	0.53 129 40.1 29.3 85.7 37.5 11.6 .12 0
07260620 Chickalah Creek near Chickalah	Petit Jean River	Lat 35°09'36", long 93°17'34", in SW ¹ / ₄ sec.24, T.6 N., R.22 W., Yell County, Hydrologic Unit 11110204, at bridge on State Highway 27, 0.5 mi upstream from Little Chickalah Creek and 1.0 mi southwest of Chickalah.	a	1964-67 ^c 1986-94	10-06-94 02-07-95 06-02-95	0.74 25.4 6.55
RED RIVER BASIN						
07338720 Mountain Fork near Hatfield	Little River	Lat 34°30'18", long 94°25'50", in NE ¹ / ₄ NE ¹ / ₄ sec.17, T.3 S., R.32 W., Polk County, Hydro- logic Unit 11140108 at bridge on State Highway 246, 3.1 mi northwest of Hatfield.	168	1962-67 ^c 1971-73 1986-94	10-18-94 01-26-95 05-31-95 08-01-95	30.5 373 51.1 13.4
07344300f Days Creek southeast of Texarkana	Sulphur River	Lat 33°19'06", long 94°00'16", in NE ¹ / ₄ SE ¹ / ₄ sec.33, T.16 S., R.28 W., Miller County, Hydro- logic Unit 11140302, at bridge on State Highway 237, 7.0 mi south of Texarkana.	78.5	1973-94	11-02-94 01-25-95 04-13-95 08-30-95	19.6 67.0 92.4 b15.0
07349440 Bodcau Creek near Lewisville	Red Chute Bayou	Lat 33°15'42", long 94°00'16", in SE ¹ / ₄ sec.14, T.17 S., R.14 W., Lafayette County, Hydrologic Unit 11140205, at bridge on State Highway 313, 6.7 mi southeast of Lewisville.	297	1974-85, 1987-90	10-26-93 09-22-94 11-02-94 01-25-95 04-13-95	d195 40 0 1090 520
07359770 Caddo River near Amity	Ouachita River	Lat 34°17'05", long 93°24'56", in NW ¹ / ₄ SE ¹ / ₄ sec.24, T.5 S., R.23 W., Clark County, Hydro- logic Unit 08040102, at bridge on State Highway 84, 2.9 mi northeast of Amity.	292	1987-94	03-06-95 08-29-95	395 34.6
07362550 Moro Creek near Banks	Ouachita River	Lat 33°32'38", long 92°19'00", in sec.35, T.13 S., R.12 W., Bradley-Calhoun County line, Hydro- logic Unit 08040201, at bridge on State High- way 4, 4.0 mi west of Banks.	385	1958-63 ^c 1974-94	01-11-95 05-16-95 08-17-95	391 423 0
07363270 Hurricane Creek near Sardis	Saline River	Lat 34°30'40", long 92°24'54", in SW ¹ / ₄ sec.28, T.2 S., R.13 W., Saline County, Hydrologic Unit 08040203, at crossing on county road, 200 ft downstream from Brushy Creek, 1.5 mi south- west of Sardis.	66.0	1974-94	10-20-94 02-24-95 05-19-95 08-18-95	14.6 46.7 28.5 0
07364115 Bayou Bartholomew near Ladd	Ouachita River	Lat 34°06'24", long 92°54'06", in NW ¹ / ₄ sec.22, T.7 S., R.8 W., Jefferson County, Hydrologic Unit 08040205, at bridge on county road, 2.2 mi south of Ladd.	a	1968, 1974-94	01-09-95 04-05-95 08-14-95	366 41.2 7.52
07364600 Bayou De Loutre near El Dorado	Ouachita River	Lat 33°05'55", long 92°35'32", in SE ¹ / ₄ NW ¹ / ₄ sec.6, T.19 S., R.14 W., Union County, Hydro- logic Unit 08040201, at bridge on county road, 8.5 mi southeast of El Dorado.	78.4	1959-64, 1971-75, 1978-85, 1990-94	01-11-95 03-17-95 08-16-95	57.5 25.7 15.4

a Not determined.

b Estimated.

c Operated as a low-flow partial-record station.

d Not previously published.

e Operated as a continuous-record station.



Figure 6. Locations of observation wells in Arkansas.

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

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BENTON COUNTY, ARKANSAS

Boone Formation

WATER-QUALITY DATA

STATION	NUMBER	DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH OF WELL, TOTAL (FEET) (72008)	DEPTH TO BOT- TOM OF SAMPLE INTER- VAL (FT) (72016)	DEPTH TO TOP OF SAMPLE INTER- VAL (FT) (72015)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN) (72004)	FLOW RATE, INSTAN- TANEOUS (G/M) (00059)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)
361311094264501		05-03-94	1600	80513	80020	spring	--	--	1120	--	100	--
361430094125701		04-15-94	1000	80513	80020	--	--	--	1150	--	--	305
361529094223901		08-15-94	1500	80513	80020	143.00	143	80	1310	32	4.0	295
361529094224901		08-17-94	0900	80513	80020	80.00	80	58	1325	40	3.5	235
361529094241201		08-16-94	1000	80513	80020	163.00	163	27	1235	35	4.0	365
361529094241202		08-16-94	1400	80513	80020	103.00	103	18	1235	25	4.0	326
361529094241203		08-16-94	1600	80513	80020	103.00	103	16	1235	35	3.0	328
361529094244301		08-31-94	1100	80513	80020	160.00	160	85	1230	20	--	214
361529094244302		08-31-94	1300	80513	80020	40.00	40	--	1230	15	2.0	218
361536094275801		04-13-94	1500	80513	80020	150.00	150	150	1260	23	4.0	387
361542094245101		08-25-94	1400	80513	80020	123.00	123	60	1220	30	2.0	356
361545094251501		07-18-94	1700	80513	80020	spring	--	--	1195	--	3620	165
		07-25-95	1530	80513	80020	spring	--	--	1195	--	--	--
361548093582601		06-29-95	1300	80513	80020	spring	--	--	1280	--	30	267
361605094241201		08-25-94	1000	80513	80020	249.00	249	85	1330	25	4.0	209
361630094253201		08-30-94	1200	80513	80020	17.00	17	--	1260	20	3.0	224
361634094244101		08-30-94	1500	80513	80020	60.00	60	12	1240	20	3.0	293
361642094225001		07-21-94	1000	80513	80020	205.00	205	52	1340	45	5.0	385
361650094235401		08-24-94	1600	80513	80020	103.00	103	38	1320	30	3.5	298
361718094224101		08-29-94	1500	80513	80020	103.00	103	76	1370	41	3.0	207
361720093541301		06-27-95	1700	80513	80020	186.00	186	40	1450	--	3.0	323
361729094242501		07-19-94	1000	80513	80020	143.00	143	31	1310	30	5.0	455
361732094254501		07-22-94	1100	80513	80020	42.00	42	20	1315	35	3.0	188
361733094143301		04-06-94	1100	80513	80020	120.00	120	120	1265	35	8.0	364
361735093572801		06-27-95	1400	80513	80020	spring	--	--	1160	--	250	214
361756094234201		07-21-94	1400	80513	80020	spring	--	--	1300	--	5.0	204
361759094223701		08-26-94	1000	80513	80020	263.00	263	65	1420	47	2.0	405
361801094175801		05-03-94	1400	80513	80020	spring	--	--	1200	--	300	--
361809094233001		07-19-94	1400	80513	80020	5.90	5.9	--	1330	--	--	269
361819094232301		07-20-94	1000	80513	80020	187.00	187	28	1330	50	5.0	267
361819094232302		07-20-94	1300	80513	80020	spring	--	--	1330	--	50	265
361907094130501		04-06-94	1600	80513	80020	200.00	200	200	1250	40	6.0	302
361917094291001		04-07-94	1100	80513	80020	153.00	153	153	1263	40	5.0	382
362115094255801		04-26-94	1600	80513	80020	spring	--	--	1200	--	E10	290
362355094253001		05-04-94	1000	80513	80020	spring	--	--	1100	--	25	--
362423094332601		04-22-94	1000	80513	80020	spring	--	--	1120	--	450	290
362451094191101		04-13-94	1000	80513	80020	140.00	140	--	1350	30	5.0	315
362513094045402		05-03-94	1000	80513	80020	spring	--	--	1190	--	300	--
362948094064501		04-13-94	1400	80513	80020	165.00	165	165	1200	40	4.0	421
STATION	NUMBER	DATE	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)
361311094264501		05-03-94	6.6	22.5	14.0	7.9	48	1.2	5.3	1.0	110	2.1
361430094125701		04-15-94	6.4	14.5	14.5	7.9	72	13	5.7	1.3	173	33
361529094223901		08-15-94	7.3	28.0	21.5	6.9	45	1.8	4.1	2.5	--	2.2
361529094224901		08-17-94	6.7	23.5	15.5	8.0	37	0.86	6.2	0.40	76	1.2
361529094241201		08-16-94	7.6	22.0	15.5	6.0	62	2.6	3.3	0.50	153	5.5
361529094241202		08-16-94	7.4	26.5	15.0	7.6	59	0.54	3.8	0.30	146	1.4
361529094241203		08-16-94	7.8	29.0	16.0	7.2	61	0.55	3.1	0.40	151	1.5
361529094244301		08-31-94	6.7	25.5	16.0	11.6	35	0.98	3.1	0.40	80	0.70
361529094244302		08-31-94	6.6	28.5	15.0	6.3	29	2.1	3.5	4.9	61	2.1
361536094275801		04-13-94	7.4	24.0	15.5	7.0	73	1.2	4.9	0.30	183	1.3
361542094245101		08-25-94	7.3	31.0	17.5	8.3	60	0.82	2.9	0.60	155	1.9
361545094251501		07-18-94	7.1	--	19.0	4.9	31	1.5	3.9	2.3	76	2.8
		07-25-95	6.8	--	20.0	4.7	32	1.6	3.8	2.5	72	2.4
361548093582601		06-29-95	7.2	17.0	13.5	7.0	54	0.63	1.9	0.40	137	1.2
361605094241201		08-25-94	7.1	32.0	16.5	7.2	20	1.2	13	1.1	32	1.9
361630094253201		08-30-94	6.6	30.0	19.5	1.1	36	2.0	2.8	3.1	96	2.6
361634094244101		08-30-94	6.9	32.0	19.0	0.4	45	1.4	8.4	1.3	116	3.4
361642094225001		07-21-94	7.2	22.5	16.0	8.2	52	4.1	6.4	2.4	121	4.6
361650094235401		08-24-94	6.8	31.5	16.0	8.1	40	3.5	4.1	1.0	96	1.0
361718094224101		08-29-94	6.5	31.0	16.0	9.0	25	1.6	8.6	0.60	52	1.4
361720093541301		06-27-95	7.5	26.5	16.0	10.3	57	2.3	5.3	0.40	116	2.6
361729094242501		07-19-94	7.5	31.5	18.5	0.1	53	16	14	1.4	231	4.1
361732094254501		07-22-94	6.6	26.5	16.0	5.9	30	0.58	2.5	0.20	70	1.8
361733094143301		04-06-94	7.0	6.0	15.5	0.1	77	2.0	2.7	0.20	193	8.4
361735093572801		06-27-95	7.2	22.5	13.5	8.8	42	1.3	1.6	0.60	104	2.4
361756094234201		07-21-94	6.9	30.0	15.0	9.0	30	0.84	3.3	0.50	81	1.7
361759094223701		08-26-94	7.1	24.5	15.5	6.4	74	0.66	3.0	0.50	185	1.8
361801094175801		05-03-94	6.4	21.0	14.0	8.7	48	1.5	3.9	1.2	106	2.2
361809094233001		07-19-94	7.1	31.0	16.5	6.8	43	0.99	5.9	0.60	96	3.1
361819094232301		07-20-94	6.7	30.5	16.5	7.1	43	0.91	6.4	0.40	94	2.4

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

BENTON COUNTY, ARKANSAS--CONTINUED
Boone Formation--continued
WATER-QUALITY DATA

STATION	NUMBER	DATE	PH WATER FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	CALCIUM DIS- SOLVED (MG/L) AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L) AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L) AS K) (00935)	ALKA- LINTY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	SULFATE DIS- SOLVED (MG/L) AS SO4) (00945)
361819094232302		07-20-94	6.8	29.0	18.0	3.5	37	1.6	7.4	2.7	91	4.7
361907094130501		04-06-94	7.1	11.5	15.0	1.5	44	9.8	7.2	0.20	146	7.4
361917094291001		04-07-94	6.9	9.0	16.0	8.5	86	0.84	3.3	0.60	248	3.0
362115094255801		04-26-94	7.3	23.5	14.5	10.1	46	1.3	6.3	1.7	101	2.9
362355094253001		05-04-94	6.6	17.5	14.5	9.3	49	1.2	11	0.90	135	5.4
362423094332601		04-22-94	6.7	19.0	13.5	7.8	52	1.0	4.4	1.0	115	3.3
362451094191101		04-13-94	6.8	17.0	25.0	7.4	52	1.1	11	0.60	189	4.7
362513094045402		05-03-94	7.3	13.0	13.0	9.5	54	1.1	4.2	1.3	131	2.3
362948094064501		04-13-94	7.0	19.0	15.5	2.7	70	1.4	4.3	0.50	251	1.9

STATION	NUMBER	DATE	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L) AS F) (00950)	BROMIDE DIS- SOLVED (MG/L) AS BR) (71870)	SILICA, DIS- SOLVED (MG/L) AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L) AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L) AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L) AS N) (00608)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L) AS N) (00623)	PHOS- PHORUS DIS- SOLVED (MG/L) AS P) (00666)
361311094264501		05-03-94	10	<0.10	0.080	10	154	<0.010	3.00	0.010	<0.20	0.010
361430094125701		04-15-94	8.2	0.30	0.040	12	284	0.010	6.40	0.060	<0.20	0.010
361529094223901		08-15-94	5.8	<0.10	0.040	7.7	163	<0.010	5.90	0.020	<0.20	0.050
361529094224901		08-17-94	9.6	<0.10	0.060	8.7	153	<0.010	5.70	0.010	<0.20	0.010
361529094241201		08-16-94	5.3	0.20	0.050	8.2	195	<0.010	2.40	0.020	<0.20	<0.010
361529094241202		08-16-94	5.5	0.20	0.050	8.5	191	<0.010	2.40	0.010	<0.20	0.010
361529094241203		08-16-94	4.5	0.20	0.050	8.1	188	<0.010	1.60	0.010	<0.20	<0.010
361529094244301		08-31-94	5.0	<0.10	0.030	8.5	123	<0.010	3.00	0.010	<0.20	<0.010
361529094244302		08-31-94	6.5	<0.10	0.020	8.1	125	<0.010	5.10	0.010	<0.20	0.160
361536094275801		04-13-94	12	<0.10	0.12	9.2	243	<0.010	2.30	0.020	<0.20	<0.010
361542094245101		08-25-94	6.4	<0.10	0.070	8.7	200	<0.010	3.90	<0.010	<0.20	0.010
361545094251501		07-18-94	6.3	0.10	0.030	9.1	119	<0.010	2.30	0.010	<0.20	0.060
		07-25-95	6.4	--	0.030	9.5	120	<0.010	2.50	0.040	<0.20	0.030
361548093582601		06-29-95	2.5	<0.10	0.040	12	157	<0.010	0.100	<0.015	<0.20	<0.010
361605094241201		08-25-94	24	<0.10	0.18	9.0	129	<0.010	5.20	<0.010	<0.20	<0.010
361630094253201		08-30-94	3.9	<0.10	0.030	9.8	128	<0.010	0.910	0.030	<0.20	0.030
361634094244101		08-30-94	12	<0.10	0.090	10	161	<0.010	0.200	0.100	<0.20	<0.010
361642094225001		07-21-94	13	<0.10	0.040	12	230	<0.010	9.60	0.010	<0.20	<0.010
361650094235401		08-24-94	6.7	<0.10	0.070	12	169	<0.010	6.80	0.010	<0.20	0.010
361718094224101		08-29-94	13	<0.10	0.070	8.3	114	<0.010	4.90	0.010	<0.20	0.010
361720093541301		06-27-95	7.9	<0.10	0.050	10	201	<0.010	6.30	0.030	<0.20	<0.010
361729094242501		07-19-94	3.8	0.20	0.050	9.4	234	<0.010	<0.050	0.070	<0.20	<0.010
361732094254501		07-22-94	3.5	<0.10	0.020	10	114	<0.010	2.70	0.010	<0.20	<0.010
361733094143301		04-06-94	1.2	<0.10	0.030	7.5	216	0.020	<0.050	0.020	<0.20	<0.010
361735093572801		06-27-95	2.0	<0.10	0.030	9.2	125	<0.010	0.080	<0.015	<0.20	<0.010
361756094234201		07-21-94	6.0	<0.10	0.050	9.9	110	<0.010	1.80	0.010	<0.20	<0.010
361759094223701		08-26-94	2.7	<0.10	0.040	11	210	<0.010	1.40	<0.010	<0.20	<0.010
361801094175801		05-03-94	5.9	<0.10	0.040	8.8	160	<0.010	4.60	0.010	<0.20	0.020
361809094233001		07-19-94	9.2	<0.10	0.050	11	152	<0.010	4.60	0.020	<0.20	0.020
361819094232301		07-20-94	8.5	<0.10	0.050	12	153	<0.010	5.90	0.020	<0.20	0.010
361819094232302		07-20-94	11	<0.10	0.060	9.6	148	<0.010	4.90	0.020	<0.20	0.020
361907094130501		04-06-94	3.6	0.20	0.020	8.0	176	0.020	0.990	0.020	<0.20	<0.010
361917094291001		04-07-94	4.5	<0.10	0.050	8.0	242	0.020	0.390	0.020	<0.20	0.010
362115094255801		04-26-94	7.9	<0.10	0.070	9.6	172	<0.010	5.50	0.020	<0.20	0.170
362355094253001		05-04-94	12	<0.10	0.060	13	183	<0.010	5.10	0.010	<0.20	0.030
362423094332601		04-22-94	5.6	<0.10	0.050	9.5	179	0.020	2.90	0.010	<0.20	0.020
362451094191101		04-13-94	12	<0.10	0.080	11	195	<0.010	4.70	0.040	<0.20	<0.010
362513094045402		05-03-94	7.3	<0.10	0.040	11	175	<0.010	3.60	0.020	<0.20	0.020
362948094064501		04-13-94	9.2	<0.10	0.040	8.4	252	0.010	7.00	0.060	<0.20	<0.010

STATION	NUMBER	DATE	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L) AS P) (00671)	ALUM- INUM, DIS- SOLVED (UG/L) AS AL) (01106)	ARSENIC DIS- SOLVED (UG/L) AS AS) (01000)	IRON, DIS- SOLVED (UG/L) AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L) AS MN) (01056)	CARBON, ORGANIC DIS- SOLVED (MG/L) AS C) (00681)	TRITIUM TOTAL (PCI/L) (07000)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)
361311094264501		05-03-94	0.010	20	<1	14	<1	0.5	32	<0.05	<0.05	<0.05
361430094125701		04-15-94	0.020	--	<1	46	6	0.6	29	<0.05	<0.05	<0.05
361529094223901		08-15-94	0.050	--	--	8	<1	--	32	--	--	--
361529094224901		08-17-94	0.010	--	--	5	<1	--	42	<0.05	<0.05	<0.05
361529094241201		08-16-94	<0.010	--	--	<3	<1	--	22	<0.05	<0.05	<0.05
361529094241202		08-16-94	<0.010	--	--	<3	<1	--	26	<0.05	<0.05	<0.05
361529094241203		08-16-94	0.010	--	--	<3	<1	--	14	<0.07	<0.07	<0.07
361529094244301		08-31-94	0.010	--	--	8	2	0.2	42	<0.05	<0.05	<0.05
361529094244302		08-31-94	0.160	--	--	19	<1	0.4	45	<0.05	<0.05	<0.05
361536094275801		04-13-94	<0.010	--	<1	5	1	0.3	20	<0.05	<0.05	<0.05
361542094245101		08-25-94	<0.010	--	--	<3	3	0.2	29	<0.05	<0.05	<0.05
361545094251501		07-18-94	0.050	--	--	16	5	0.8	30	<0.05	<0.05	<0.05
		07-25-95	0.050	30	<1	41	10	1.0	30	<0.03	<0.03	<0.03
361548093582601		06-29-95	<0.010	<10	<1	8	<1	0.2	26	<0.05	<0.05	<0.05
361605094241201		08-25-94	<0.010	--	--	3	2	0.4	30	<0.05	<0.05	<0.05

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

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BENTON COUNTY, ARKANSAS--CONTINUED
Boone Formation--continued
WATER-QUALITY DATA

STATION	NUMBER	DATE	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	TRITIUM TOTAL (PCI/L) (07000)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)
361630094253201	08-30-94	0.030	--	--	--	130	83	0.4	27	<0.05	<0.05	<0.05
361634094244101	08-30-94	<0.010	--	--	--	820	930	0.6	32	<0.05	<0.05	<0.05
361642094225001	07-21-94	<0.010	--	--	--	<3	<1	0.3	31	<0.05	<0.05	<0.05
361650094235401	08-24-94	<0.010	--	--	--	<3	3	0.4	30	<0.05	<0.05	<0.05
361718094224101	08-29-94	<0.010	--	--	--	3	13	0.3	32	<0.05	<0.05	<0.05
361720093541301	06-27-95	0.010	<10	<1	--	4	<1	0.3	35	<0.05	<0.05	<0.05
361729094242501	07-19-94	<0.010	--	--	--	310	48	0.3	3.2	<0.05	<0.05	<0.05
361732094254501	07-22-94	0.020	--	--	--	<3	<1	0.3	23	<0.05	<0.05	<0.05
361733094143301	04-06-94	<0.010	--	<1	--	25	3	<0.1	<2.5	<0.05	<0.05	<0.05
361735093572801	06-27-95	<0.010	10	<1	--	7	<1	0.3	--	<0.05	<0.05	<0.05
361756094234201	07-21-94	0.010	--	--	--	<3	<1	0.2	31	<0.05	<0.05	<0.05
361759094223701	08-26-94	<0.010	--	--	--	29	<1	0.2	26	<0.05	<0.05	<0.05
361801094175801	05-03-94	0.020	--	<1	--	9	<1	0.3	38	<0.05	<0.05	<0.05
361809094233001	07-19-94	<0.010	--	--	--	3	1	0.3	32	<0.05	<0.05	<0.05
361819094232301	07-20-94	<0.010	--	--	--	<3	<1	0.3	32	<0.05	<0.05	<0.05
361819094232302	07-20-94	0.010	--	--	--	7	3	0.5	27	<0.05	<0.05	<0.05
361907094130501	04-06-94	<0.010	--	<1	--	<3	<1	0.2	7.7	<0.05	<0.05	<0.05
361917094291001	04-07-94	<0.010	--	<1	--	6	<1	0.6	<2.5	<0.05	<0.05	<0.05
362115094255801	04-26-94	0.130	--	1	--	<3	5	0.4	32	<0.05	<0.05	<0.05
362355094253001	05-04-94	0.020	--	<1	--	5	<1	0.4	31	<0.05	<0.05	<0.05
362423094332601	04-22-94	0.020	--	<1	--	6	<1	0.5	40	<0.05	<0.05	<0.05
362451094191101	04-13-94	<0.010	--	<1	--	6	<1	0.5	32	<0.05	<0.05	<0.05
362513094045402	05-03-94	0.020	--	<1	--	7	<1	0.4	28	<0.05	<0.05	<0.05
362948094064501	04-13-94	0.010	--	2	--	56	10	0.2	22	<0.05	<0.05	<0.05
STATION	NUMBER	DATE	ACETO- CHLOR, WATER, FLTRD, REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDICA- RB SUL- FOXIDE, WAT, FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB SULFONE WAT, FLT GF 0.7U REC (UG/L) (49313)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)
361311094264501	05-03-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.00
361430094125701	04-15-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.01
361529094223901	08-15-94	--	--	--	--	--	--	--	--	--	--	--
361529094224901	08-17-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.00
361529094241201	08-16-94	--	--	<0.05	--	<0.05	<0.05	<0.05	--	<0.05	--	--
361529094241202	08-16-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.00
361529094241203	08-16-94	--	--	<0.07	<0.01	<0.07	<0.07	<0.07	<0.01	<0.07	<0.02	<0.00
361529094244301	08-31-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.00
361529094244302	08-31-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	0.00	<0.00
361536094275801	04-13-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.01
361542094245101	08-25-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.00
361545094251501	07-18-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	0.01	<0.00
361548093582601	07-25-95	<0.002	<0.002	<0.03	<0.00	<0.02	<0.02	<0.02	<0.00	<0.01	E0.00	<0.00
361548093582601	06-29-95	<0.002	<0.05	<0.05	<0.00	<0.05	<0.05	<0.05	<0.00	<0.05	<0.00	<0.00
361605094241201	08-25-94	--	--	<0.05	--	<0.05	<0.05	<0.05	--	<0.05	--	--
361630094253201	08-30-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.00
361634094244101	08-30-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.00
361642094225001	07-21-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.00
361650094235401	08-24-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.00
361718094224101	08-29-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.00
361720093541301	06-27-95	<0.002	<0.05	<0.05	<0.00	<0.05	<0.05	<0.05	<0.00	<0.05	<0.00	<0.00
361729094242501	07-19-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.00
361732094254501	07-22-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.00
361733094143301	04-06-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.01
361735093572801	06-27-95	<0.002	<0.05	<0.05	<0.00	<0.05	<0.05	<0.05	<0.00	<0.05	<0.00	<0.00
361756094234201	07-21-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.00
361759094223701	08-26-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.00
361801094175801	05-03-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	0.01	0.00
361809094233001	07-19-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.00
361819094232301	07-20-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.00
361819094232302	07-20-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.00
361907094130501	04-06-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.01
361917094291001	04-07-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.01
362115094255801	04-26-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.00
362355094253001	05-04-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.00
362423094332601	04-22-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.00
362451094191101	04-13-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.01
362513094045402	05-03-94	--	--	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.00
362948094064501	04-13-94	--	--	<0.05	--	<0.05	<0.05	<0.05	--	<0.05	--	--

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

BENTON COUNTY, ARKANSAS--CONTINUED

Boone Formation--continued

WATER-QUALITY DATA

STATION	NUMBER	DATE	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER, FLTRD 0.7 U GF, REC (UG/L) (82680)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN WATER, FLTRD 0.7 U GF, REC (UG/L) (82674)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)
361311094264501		05-03-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
361430094125701		04-15-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
361529094223901		08-15-94	--	--	--	--	--	--	--	--	--	--
361529094224901		08-17-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
361529094241201		08-16-94	--	<0.05	<0.05	<0.05	--	--	<0.05	--	<0.05	<0.05
361529094241202		08-16-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
361529094241203		08-16-94	<0.01	<0.07	<0.07	<0.07	<0.01	<0.05	<0.07	<0.01	<0.07	<0.07
361529094244301		08-31-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
361529094244302		08-31-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
361536094275801		04-13-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
STATION	NUMBER	DATE	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER, FLTRD 0.7 U GF, REC (UG/L) (82680)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN WATER, FLTRD 0.7 U GF, REC (UG/L) (82674)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)
361542094245101		08-25-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
361545094251501		07-18-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
		07-25-95	<0.00	<0.01	<0.03	<0.03	<0.00	<0.00	<0.01	<0.00	<0.03	<0.01
361548093582601		06-29-95	<0.00	<0.05	<0.05	<0.05	<0.00	E0.03	<0.05	E0.02	<0.05	<0.05
361605094241201		08-25-94	--	<0.05	<0.05	<0.05	--	--	<0.05	--	<0.05	<0.05
361630094253201		08-30-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
361634094244101		08-30-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
361642094225001		07-21-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
361650094235401		08-24-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
361718094224101		08-29-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
361720093541301		06-27-95	<0.00	<0.05	<0.05	<0.05	<0.00	<0.00	<0.05	<0.00	<0.05	<0.05
361729094242501		07-19-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
361732094254501		07-22-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
361733094143301		04-06-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
361735093572801		06-27-95	<0.00	<0.05	<0.05	<0.05	<0.00	<0.00	<0.05	<0.00	<0.05	<0.05
361756094234201		07-21-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
361759094223701		08-26-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
361801094175801		05-03-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
361809094233001		07-19-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
361819094232301		07-20-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
361819094232302		07-20-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
361907094130501		04-06-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
361917094291001		04-07-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
362115094255801		04-26-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
362355094253001		05-04-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
362423094332601		04-22-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
362451094191101		04-13-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
362513094045402		05-03-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
362948094064501		04-13-94	--	<0.05	<0.05	<0.05	--	--	<0.05	--	<0.05	<0.05
STATION	NUMBER	DATE	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED REC (UG/L) (38933)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	P,P' DDE DISSOLV (UG/L) (34653)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLO- BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)
361311094264501		05-03-94	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05
361430094125701		04-15-94	<0.05	<0.00	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05
361529094223901		08-15-94	--	--	--	--	--	--	--	--	--	--
361529094224901		08-17-94	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05
361529094241201		08-16-94	<0.05	--	<0.05	--	<0.05	--	--	--	<0.05	<0.05
361529094241202		08-16-94	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05
361529094241203		08-16-94	<0.07	<0.01	<0.07	<0.01	<0.07	<0.00	<0.01	<0.01	<0.07	<0.07
361529094244301		08-31-94	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05
361529094244302		08-31-94	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05
361536094275801		04-13-94	<0.05	<0.00	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05
361542094245101		08-25-94	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05
361545094251501		07-18-94	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05
		07-25-95	<0.03	<0.00	<0.05	<0.00	<0.02	<0.00	<0.01	<0.00	<0.03	<0.02
361548093582601		06-29-95	<0.05	<0.00	<0.05	<0.00	<0.05	0.01	<0.01	<0.00	<0.05	<0.05
361605094241201		08-25-94	<0.05	--	<0.05	--	<0.05	--	--	--	<0.05	<0.05
361630094253201		08-30-94	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05
361634094244101		08-30-94	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05
361642094225001		07-21-94	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05
361650094235401		08-24-94	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05
361718094224101		08-29-94	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05
361720093541301		06-27-95	<0.05	<0.00	<0.05	<0.00	<0.05	<0.00	<0.01	<0.00	<0.05	<0.05
361729094242501		07-19-94	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05
361732094254501		07-22-94	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05
361733094143301		04-06-94	<0.05	<0.00	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05
361735093572801		06-27-95	<0.05	<0.00	<0.05	<0.00	<0.05	<0.00	<0.01	<0.00	<0.05	<0.05

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

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BENTON COUNTY, ARKANSAS--CONTINUED

Boone Formation--continued

WATER-QUALITY DATA

STATION	NUMBER	DATE	CHLORO- THALO- NIL, WAT, FLT GF 0.7U REC (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DACHAL MONO- ACID, WAT, FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER, FLTRD GF, REC (UG/L) (82682)	P, P' DDE DISSOLV (UG/L) (34653)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLO- BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)
361756094234201	07-21-94	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05
361759094223701	08-26-94	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05
361801094175801	05-03-94	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05
361809094233001	07-19-94	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05
361819094232301	07-20-94	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05
361819094232302	07-20-94	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05
361907094130501	04-06-94	<0.05	<0.00	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05
361917094291001	04-07-94	<0.05	<0.00	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05
362115094255801	04-26-94	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05
362355094253001	05-04-94	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05
362423094332601	04-22-94	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05
362451094191101	04-13-94	<0.05	<0.00	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05
362513094045402	05-03-94	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05
362948094064501	04-13-94	<0.05	--	<0.05	--	<0.05	--	--	--	<0.05	<0.05	<0.05
STATION	NUMBER	DATE	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	2,6-DI- ETHYL ANILINE WAT FLT GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DISUL- FOTON WATER, FLTRD GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	EPTC WATER, FLTRD GF, REC (UG/L) (82668)	ESFEN- VAL- ERATE, WAT, FLT GF 0.7U REC (UG/L) (49298)	ETHAL- FLUR- ALIN WAT FLT GF, REC (UG/L) (82663)	ETHO- PROP WATER FLTRD GF, REC (UG/L) (82672)
361311094264501	05-03-94	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
361430094125701	04-15-94	<0.05	<0.01	<0.01	<0.05	<0.01	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
361529094223901	08-15-94	--	--	--	--	--	--	--	--	--	--	--
361529094224901	08-17-94	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
361529094241201	08-16-94	<0.05	--	--	<0.05	--	<0.05	--	<0.05	--	--	--
361529094241202	08-16-94	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
361529094241203	08-16-94	<0.07	<0.01	<0.01	<0.07	<0.06	<0.07	<0.00	<0.07	<0.01	<0.01	<0.01
361529094244301	08-31-94	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
361529094244302	08-31-94	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
361536094275801	04-13-94	<0.05	<0.01	<0.01	<0.05	<0.01	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
361542094245101	08-25-94	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
361545094251501	07-18-94	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
	07-25-95	<0.03	<0.00	<0.00	<0.03	<0.02	E0.01	<0.00	<0.02	<0.00	<0.00	<0.00
361548093582601	06-29-95	<0.05	<0.00	<0.00	<0.05	<0.02	<0.05	<0.00	<0.05	<0.00	<0.00	<0.00
361605094241201	08-25-94	<0.05	--	--	<0.05	--	<0.05	--	<0.05	--	--	--
361630094253201	08-30-94	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
361634094244101	08-30-94	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
361642094225001	07-21-94	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
361650094235401	08-24-94	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
361718094224101	08-29-94	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
361720093541301	06-27-95	<0.05	<0.00	<0.00	<0.05	<0.02	<0.05	<0.00	<0.05	<0.00	<0.00	<0.00
361729094242501	07-19-94	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
361732094254501	07-22-94	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
361733094143301	04-06-94	<0.05	<0.01	<0.01	<0.05	<0.01	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
361735093572801	06-27-95	<0.05	<0.00	<0.00	<0.05	<0.02	<0.05	<0.00	<0.05	<0.00	<0.00	<0.00
361756094234201	07-21-94	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
361759094223701	08-26-94	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
361801094175801	05-03-94	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
361809094233001	07-19-94	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
361819094232301	07-20-94	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
361819094232302	07-20-94	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
361907094130501	04-06-94	<0.05	<0.01	<0.01	<0.05	<0.01	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
361917094291001	04-07-94	<0.05	<0.01	<0.01	<0.05	<0.01	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
362115094255801	04-26-94	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
362355094253001	05-04-94	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
362423094332601	04-22-94	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
362451094191101	04-13-94	<0.05	<0.01	<0.01	<0.05	<0.01	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
362513094045402	05-03-94	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.01
362948094064501	04-13-94	<0.05	--	--	<0.05	--	<0.05	--	<0.05	--	--	--
STATION	NUMBER	DATE	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FONOFOS WATER, DISS REC (UG/L) (04095)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER, FLTRD GF, REC (UG/L) (82666)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MALA- THION, DIS- SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)
361311094264501	05-03-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05	<0.05
361430094125701	04-15-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05	<0.05
361529094223901	08-15-94	--	--	--	--	--	--	--	--	--	--	--
361529094224901	08-17-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05	<0.05
361529094241201	08-16-94	<0.05	--	<0.05	--	--	<0.05	--	<0.05	<0.05	<0.05	<0.05
361529094241202	08-16-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05	<0.05
361529094241203	08-16-94	<0.07	<0.01	<0.07	<0.01	<0.04	<0.07	<0.01	<0.07	<0.07	<0.07	<0.07
361529094244301	08-31-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05	<0.05
361529094244302	08-31-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05	<0.05
361536094275801	04-13-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05	<0.05

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

BENTON COUNTY, ARKANSAS--CONTINUED

Boone Formation--continued

WATER-QUALITY DATA

STATION	NUMBER	DATE	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FONOFO S WATER DISS REC (UG/L) (04095)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER, FLTRD, GF 0.7 U REC (UG/L) (82666)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MALA- THION, DIS- SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)
361542094245101		08-25-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
361545094251501		07-18-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
		07-25-95	<0.01	<0.00	<0.03	<0.00	<0.00	<0.02	<0.00	<0.05	<0.03	<0.03
361548093582601		06-29-95	<0.05	<0.00	<0.05	<0.00	0.02	<0.05	<0.00	<0.05	<0.05	<0.05
361605094241201		08-25-94	<0.05	--	<0.05	--	--	<0.05	--	<0.05	<0.05	<0.05
361630094253201		08-30-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
361634094244101		08-30-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
361642094225001		07-21-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
361650094235401		08-24-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
361718094224101		08-29-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
361720093541301		06-27-95	<0.05	<0.00	<0.05	<0.00	<0.00	<0.05	<0.00	<0.05	<0.05	<0.05
361729094242501		07-19-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
361732094254501		07-22-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
361733094143301		04-06-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
361735093572801		06-27-95	<0.05	<0.00	<0.05	<0.00	<0.00	<0.05	<0.00	<0.05	<0.05	<0.05
361756094234201		07-21-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
361759094223701		08-26-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
361801094175801		05-03-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
361809094233001		07-19-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
361819094232301		07-20-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
361819094232302		07-20-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
361907094130501		04-06-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
361917094291001		04-07-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
362115094255801		04-26-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
362355094253001		05-04-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
362423094332601		04-22-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
362451094191101		04-13-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
362513094045402		05-03-94	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
362948094064501		04-13-94	<0.05	--	<0.05	--	--	<0.05	--	<0.05	<0.05	<0.05

STATION	NUMBER	DATE	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN- PHOS WAT FLT GF REC (UG/L) (82686)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	METHYL PARA- THION WAT FLT GF REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD GF REC (UG/L) (82671)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NAPROP- AMIDE WATER FLTRD GF REC (UG/L) (82684)
361311094264501		05-03-94	<0.05	<0.05	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361430094125701		04-15-94	<0.05	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361529094223901		08-15-94	--	--	<0.02	--	--	--	--	--	--
361529094224901		08-17-94	<0.05	<0.05	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361529094241201		08-16-94	<0.05	--	<0.02	--	--	--	--	<0.05	--
361529094241202		08-16-94	<0.05	<0.05	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361529094241203		08-16-94	<0.07	<0.05	<0.02	<0.03	<0.01	<0.01	<0.01	<0.07	<0.01
361529094244301		08-31-94	<0.05	<0.05	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361529094244302		08-31-94	<0.05	<0.05	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361536094275801		04-13-94	<0.05	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361542094245101		08-25-94	<0.05	<0.05	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361545094251501		07-18-94	<0.05	<0.05	0.02	<0.03	0.00	<0.01	<0.01	<0.05	<0.01
		07-25-95	<0.02	<0.00	<0.02	<0.01	<0.00	<0.00	<0.00	<0.01	<0.00
361548093582601		06-29-95	<0.05	<0.00	<0.02	<0.01	<0.00	<0.00	<0.00	<0.05	<0.00
361605094241201		08-25-94	<0.05	--	<0.02	--	--	--	--	<0.05	--
361630094253201		08-30-94	<0.05	<0.05	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361634094244101		08-30-94	<0.05	<0.05	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361642094225001		07-21-94	<0.05	<0.05	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361650094235401		08-24-94	<0.05	<0.05	0.04	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361718094224101		08-29-94	<0.05	<0.05	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361720093541301		06-27-95	<0.05	<0.00	<0.02	<0.01	<0.00	<0.00	<0.00	<0.05	<0.00
361729094242501		07-19-94	<0.05	<0.05	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361732094254501		07-22-94	<0.05	<0.05	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361733094143301		04-06-94	<0.05	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361735093572801		06-27-95	<0.05	<0.00	<0.02	<0.01	<0.00	<0.00	<0.00	<0.05	<0.00
361756094234201		07-21-94	<0.05	<0.05	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361759094223701		08-26-94	<0.05	<0.05	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361801094175801		05-03-94	<0.05	<0.05	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361809094233001		07-19-94	<0.05	<0.05	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361819094232301		07-20-94	<0.05	<0.05	0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361819094232302		07-20-94	<0.05	<0.05	0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361907094130501		04-06-94	<0.05	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361917094291001		04-07-94	<0.05	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
362115094255801		04-26-94	<0.05	<0.05	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
362355094253001		05-04-94	<0.05	<0.05	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
362423094332601		04-22-94	<0.05	<0.05	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
362451094191101		04-13-94	<0.05	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
362513094045402		05-03-94	<0.05	<0.05	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
362948094064501		04-13-94	<0.05	--	<0.02	--	--	--	--	<0.05	--

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

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BENTON COUNTY, ARKANSAS--CONTINUED

Boone Formation--continued

WATER-QUALITY DATA

STATION	NUMBER	DATE	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	OCRESOL 4, 6- DINITRO WAT, FLT REC (UG/L) (49299)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
361311094264501	05-03-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
361430094125701	04-15-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
361529094223901	08-15-94		--	--	--	--	--	--	--	--	--
361529094224901	08-17-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
361529094241201	08-16-94		<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--
361529094241202	08-16-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
361529094241203	08-16-94		<0.07	<0.07	<0.07	<0.07	<0.07	<0.02	<0.01	<0.02	<0.02
361529094244301	08-31-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
361529094244302	08-31-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
361536094275801	04-13-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
361542094245101	08-25-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
361545094251501	07-18-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
	07-25-95		<0.02	<0.02	<0.03	<0.02	<0.02	<0.00	<0.00	<0.00	<0.00
361548093582601	06-29-95		<0.05	<0.05	<0.05	<0.05	<0.05	<0.00	<0.00	<0.00	<0.00
361605094241201	08-25-94		<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--
361630094253201	08-30-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
361634094244101	08-30-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
361642094225001	07-21-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
361650094235401	08-24-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
361718094224101	08-29-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
361720093541301	06-27-95		<0.05	<0.05	<0.05	<0.05	<0.05	<0.00	<0.00	<0.00	<0.00
361729094242501	07-19-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
361732094254501	07-22-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
361733094143301	04-06-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
361735093572801	06-27-95		<0.05	<0.05	<0.05	<0.05	<0.05	<0.00	<0.00	<0.00	<0.00
361756094234201	07-21-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
361759094223701	08-26-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
361801094175801	05-03-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
361809094233001	07-19-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
361819094232301	07-20-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
361819094232302	07-20-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
361907094130501	04-06-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
361917094291001	04-07-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
362115094255801	04-26-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
362355094253001	05-04-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
362423094332601	04-22-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
362451094191101	04-13-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
362513094045402	05-03-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
362948094064501	04-13-94		<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--
STATION	NUMBER	DATE	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PHORATE WATER, FLTRD, GF 0.7 U REC (UG/L) (82664)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER, FLTRD, GF 0.7 U REC (UG/L) (82676)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER, FLTRD, GF 0.7 U REC (UG/L) (82679)	PRO- PARGITE WATER, FLTRD, GF 0.7 U REC (UG/L) (82685)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)
361311094264501	05-03-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361430094125701	04-15-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361529094223901	08-15-94		--	--	--	--	--	--	--	--	--
361529094224901	08-17-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361529094241201	08-16-94		<0.05	--	--	--	--	--	--	<0.05	<0.05
361529094241202	08-16-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361529094241203	08-16-94		<0.07	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.07	<0.07
361529094244301	08-31-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361529094244302	08-31-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361536094275801	04-13-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361542094245101	08-25-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361545094251501	07-18-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
	07-25-95		<0.05	<0.00	<0.02	<0.00	<0.01	<0.00	<0.01	<0.03	<0.03
361548093582601	06-29-95		<0.05	<0.00	<0.02	<0.00	<0.01	<0.00	<0.01	<0.05	<0.05
361605094241201	08-25-94		<0.05	--	--	--	--	--	--	<0.05	<0.05
361630094253201	08-30-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361634094244101	08-30-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361642094225001	07-21-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361650094235401	08-24-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361718094224101	08-29-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361720093541301	06-27-95		<0.05	<0.00	<0.02	<0.00	<0.01	<0.00	<0.01	<0.05	<0.05
361729094242501	07-19-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361732094254501	07-22-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361733094143301	04-06-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361735093572801	06-27-95		<0.05	<0.00	<0.02	<0.00	<0.01	<0.00	<0.01	<0.05	<0.05
361756094234201	07-21-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361759094223701	08-26-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361801094175801	05-03-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361809094233001	07-19-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361819094232301	07-20-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

BENTON COUNTY, ARKANSAS--CONTINUED
Boone Formation--continued
WATER-QUALITY DATA

STATION	NUMBER	DATE	PIC- LORAM, WATER, FLTRD, GF 0.7 U REC (UG/L) (49291)	PHORATE WATER, FLTRD, GF 0.7 U REC (UG/L) (82664)	PRO- METON, WATER, FLTRD, GF 0.7 U REC (UG/L) (04037)	PRON- AMIDE WATER, FLTRD, GF 0.7 U REC (UG/L) (82676)	PROP- CHLOR, WATER, FLTRD, GF 0.7 U REC (UG/L) (04024)	PRO- PANIL WATER, FLTRD, GF 0.7 U REC (UG/L) (82679)	PRO- PARGITE WATER, FLTRD, GF 0.7 U REC (UG/L) (82685)	PRO- PHAM, WATER, FLTRD, GF 0.7 U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7 U REC (UG/L) (38538)
361819094232302		07-20-94	<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361907094130501		04-06-94	<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361917094291001		04-07-94	<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
362115094255801		04-26-94	<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
362355094253001		05-04-94	<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
362423094332601		04-22-94	<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
362451094191101		04-13-94	<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
362513094045402		05-03-94	<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
362948094064501		04-13-94	<0.05	--	--	--	--	--	--	<0.05	<0.05

STATION	NUMBER	DATE	SILVEX, DIS- SOLVED REC (UG/L) (39762)	SI- MAZINE, WATER, FLTRD, GF 0.7 U REC (UG/L) (04035)	TEBU- THIURON WATER, FLTRD, GF 0.7 U REC (UG/L) (82670)	TER- BACIL WATER, FLTRD, GF 0.7 U REC (UG/L) (82665)	TER- BUFOS WATER, FLTRD, GF 0.7 U REC (UG/L) (82675)	THIO- BENCARB WATER, FLTRD, GF 0.7 U REC (UG/L) (82681)	TRIAL- LATE WATER, FLTRD, GF 0.7 U REC (UG/L) (82678)	TRI- CLOPYR, WATER, FLTRD, GF 0.7 U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT REC (UG/L) (82661)
361311094264501		05-03-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361430094125701		04-15-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361529094223901		08-15-94	--	--	--	--	--	--	--	--	--
361529094224901		08-17-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361529094241201		08-16-94	<0.05	--	--	--	--	--	--	<0.05	--
361529094241202		08-16-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361529094241203		08-16-94	<0.07	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.07	<0.01
361529094244301		08-31-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361529094244302		08-31-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361536094275801		04-13-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361542094245101		08-25-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361545094251501		07-18-94	<0.05	<0.01	0.01	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
		07-25-95	<0.02	<0.00	<0.01	<0.01	<0.01	<0.00	<0.00	<0.05	<0.00
361548093582601		06-29-95	<0.05	<0.00	<0.01	<0.01	<0.01	<0.00	<0.00	<0.05	<0.00
361605094241201		08-25-94	<0.05	--	--	--	--	--	--	<0.05	--
361630094253201		08-30-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361634094244101		08-30-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361642094225001		07-21-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361650094235401		08-24-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361718094224101		08-29-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361720093541301		06-27-95	<0.05	<0.00	<0.01	<0.01	<0.01	<0.00	<0.00	<0.05	<0.00
361729094242501		07-19-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361732094254501		07-22-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361733094143301		04-06-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361735093572801		06-27-95	<0.05	<0.00	<0.01	<0.01	<0.01	<0.00	<0.00	<0.05	<0.00
361756094234201		07-21-94	<0.05	<0.01	0.08	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361759094223701		08-26-94	<0.05	<0.01	0.12	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361801094175801		05-03-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361809094233001		07-19-94	<0.05	<0.01	0.05	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361819094232301		07-20-94	<0.05	<0.01	0.05	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361819094232302		07-20-94	<0.05	<0.01	0.07	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361907094130501		04-06-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361917094291001		04-07-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
362115094255801		04-26-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
362355094253001		05-04-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
362423094332601		04-22-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
362451094191101		04-13-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
362513094045402		05-03-94	<0.05	<0.01	0.06	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
362948094064501		04-13-94	<0.05	--	--	--	--	--	--	<0.05	--

Cotter-Jefferson City Dolomite

STATION	NUMBER	DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	FLOW RATE, INSTAN- TANEOUS (G/M) (00059)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	
362903094272801		04-26-94	1100	80513	80020	900	45	458	7.3	21.0	17.0	7.6	
spring													
STATION	NUMBER	DATE		CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT IT FIELD (MG/L AS CACO3) (00419)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	BROMIDE DIS- SOLVED (MG/L AS BR) (00955)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)
362903094272801		04-26-94	67	11	10	1.2	190	24	13	0.10	0.060	11	

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

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BENTON COUNTY, ARKANSAS--CONTINUED
Cotter-Jefferson City Dolomite--continued
WATER-QUALITY DATA

STATION	NUMBER	DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L) AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L) AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L) AS N) (00608)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L) AS N) (00623)	PHOS- PHORUS DIS- SOLVED (MG/L) AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L) AS P) (00671)	ARSENIC DIS- SOLVED (UG/L) AS AS) (01000)	IRON, DIS- SOLVED (UG/L) AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L) AS MN) (01056)
362903094272801		04-26-94	260	0.010	0.660	0.020	<0.20	<0.010	<0.010	<1	<3	<1
STATION	NUMBER	DATE	CARBON, ORGANIC DIS- SOLVED (MG/L) AS C) (00681)	TRITIUM TOTAL (PCI/L) (07000)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, REC (UG/L) (38746)	ACIFI- UORFEN WATER, FLTRD, DISS, REC (UG/L) (49315)	ALA- CHLOR, WATER, FLTRD, DISS, REC (UG/L) (46342)	ALDI- CARB, WATER, FLTRD, GF 0.7U (UG/L) (49312)	ALDICA- RB SUB- FOXIDE, WAT, FLT GF 0.7U (UG/L) (49314)	ALDI- CARB SULFONE WAT, FLT GF 0.7U (UG/L) (49313)
362903094272801		04-26-94	0.5	16	<0.05	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.05
STATION	NUMBER	DATE	ALPHA BHC DIS- SOLVED (UG/L) (34253)	AMIBEN, WATER, GF 0.7U REC (UG/L) (49307)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ZINE, WATER, DISS, REC (UG/L) (04040)	BEN- FLUR- ALIN WAT FLT 0.7 U REC (UG/L) (82673)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER, FLTRD 0.7 U GF, REC (UG/L) (82680)
362903094272801		04-26-94	<0.01	<0.05	<0.02	<0.00	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05
STATION	NUMBER	DATE	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN WATER, FLTRD, 0.7 U GF, REC (UG/L) (82674)	CARBO- FURAN WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	3HYDRXY CARBO- FURAN WAT, FLT GF 0.7U REC (UG/L) (49308)	CHLORO- THALO- NIL, WAT, FLT GF 0.7U REC (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO- ACID, WAT, FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER, FLTRD 0.7 U GF, REC (UG/L) (82682)
362903094272801		04-26-94	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00
STATION	NUMBER	DATE	P, P' DDE DISSOLV (UG/L) (34653)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DISUL- FOTON WATER, FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)
362903094272801		04-26-94	<0.01	<0.01	<0.05	<0.05	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05
STATION	NUMBER	DATE	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ESFEN- VAL- ERATE, WAT, FLT GF 0.7U REC (UG/L) (49298)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FONOFO S WATER FLTRD, DISS REC (UG/L) (04095)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	LINURON WATER, FLTRD 0.7 U REC (UG/L) (38478)
362903094272801		04-26-94	<0.00	<0.05	<0.01	<0.01	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05
STATION	NUMBER	DATE	MALA- THION, DIS- SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN WATER FLTRD 0.7 U GF, REC (UG/L) (82630)
362903094272801		04-26-94	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.03	<0.01	<0.01
STATION	NUMBER	DATE	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	1-NAPH- THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NAPROP- AMIDE WATER FLTRD, 0.7 U GF, REC (UG/L) (82684)	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	OCRESOL 4,6- DINITRO WAT, FLT GF 0.7U REC (UG/L) (49299)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)
362903094272801		04-26-94	<0.01	<0.05	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01
STATION	NUMBER	DATE	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)
362903094272801		04-26-94	<0.02	<0.02	<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05
STATION	NUMBER	DATE	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
362903094272801		04-26-94	<0.05	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

CARROLL COUNTY, ARKANSAS
Cotter Dolomite

STATION	NUMBER	DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	
362212093284301		05-02-94	1700	80513	80020	1260	6.7	12.0	13.5	5.8	39	18	
			spring										
STATION	NUMBER	DATE		SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKA-LINITY WAT WH TOT IT FIELD (MG/L AS CAC03) (00419)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)
362212093284301		05-02-94	3.6		1.3	163	11	5.7	<0.10	0.040	9.7	188	<0.010
STATION	NUMBER	DATE		NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	TRITIUM TOTAL (PCI/L) (07000)
362212093284301		05-02-94	1.70		0.010	<0.20	0.020	0.020	<1	26	<1	1.1	18
STATION	NUMBER	DATE		2,4-D, DIS-SOLVED (UG/L) (39732)	2,4,5-T DIS-SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	ACIFL-UORFEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC (UG/L) (46342)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDICA-RB SUL-FOXIDE, WAT, FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB SULFONE, WAT, FLT GF 0.7U REC (UG/L) (49313)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)
362212093284301		05-02-94	<0.05		<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05
STATION	NUMBER	DATE		ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	BEN-FLUR-ALIN, WAT FLD 0.7 U GF, REC (UG/L) (82673)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	BRO-MOXYNIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82680)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82674)
362212093284301		05-02-94	<0.02		<0.00	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01
STATION	NUMBER	DATE		CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	3HYDRXY CARBO-FURAN, WAT, FLT GF 0.7U REC (UG/L) (49308)	CHLORO-NIL, WAT, FLT GF 0.7U REC (UG/L) (49306)	CHLOR-PYRIFOS, DIS-SOLVED (UG/L) (38933)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO-ACID, WAT, FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82682)	P,P' DDE DISSOLV (UG/L) (34653)	DI-AZINON, DIS-SOLVED (UG/L) (39572)
362212093284301		05-02-94	<0.05		<0.05	<0.05	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01
STATION	NUMBER	DATE		DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN, DIS-SOLVED (UG/L) (39381)	2,6-DI-ETHYL ANILINE, WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB, WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DISUL-FOTON, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	EPTC WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82668)	ESFEN-VAL-ERATE, WAT, FLT GF 0.7U REC (UG/L) (49298)
362212093284301		05-02-94	<0.05		<0.05	<0.05	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05
STATION	NUMBER	DATE		ETHAL-FLUR-ALIN, WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82672)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FONOFOS, WATER, DISS, REC (UG/L) (04095)	FLUO-METURON, WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82666)	LINURON, WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)
362212093284301		05-02-94	<0.01		<0.01	<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05
STATION	NUMBER	DATE		MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN- PHOS, WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHY-LENE BLUE, ACTIVE SUB-STANCE (MG/L) (82660)	METHYL PARA-THION, WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR, WATER, DISSOLV (UG/L) (39415)	METRI-BUZIN, SENCOR, WATER, DISSOLV (UG/L) (82630)	MOL-INATE, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82671)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)
362212093284301		05-02-94	<0.05		<0.05	<0.05	<0.05	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05
STATION	NUMBER	DATE		NAPROP-AMIDE, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82684)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR-AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	OCRESOL 4,6-DINITRO, WAT, FLT GF 0.7U REC (UG/L) (49299)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN, WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS, WAT FLT 0.7 U GF, REC (UG/L) (82687)
362212093284301		05-02-94	<0.01		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

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CARROLL COUNTY, ARKANSAS--CONTINUED

Cotter Dolomite--continued

WATER-QUALITY DATA

STATION	NUMBER	DATE	PIC- LORAM, WATER, FLTRD, GF 0.7 U REC (UG/L) (49291)	PHORATE WATER, FLTRD, GF 0.7 U REC (UG/L) (82664)	PRO- METON, WATER, FLTRD, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER, FLTRD, GF 0.7 U REC (UG/L) (82676)	PROP- CHLOR, WATER, FLTRD, DISS, REC (UG/L) (04024)	PRO- PANIL WATER, FLTRD, GF 0.7 U REC (UG/L) (82679)	PRO- PARGITE WATER, FLTRD, GF 0.7 U REC (UG/L) (82685)	PRO- PHAM, WATER, FLTRD, GF 0.7 U REC (UG/L) (49236)	PRO- POKUR, WATER, FLTRD, GF 0.7 U REC (UG/L) (38538)	
362212093284301		05-02-94	<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05	
STATION	NUMBER	DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, FLTRD, DISS, REC (UG/L) (04035)	TEBU- THIURON WATER, FLTRD, GF 0.7 U REC (UG/L) (82670)	TER- BACIL WATER, FLTRD, GF 0.7 U REC (UG/L) (82665)	TER- BUFOS WATER, FLTRD, GF 0.7 U REC (UG/L) (82675)	THIO- BENCARB WATER, FLTRD, GF 0.7 U REC (UG/L) (82681)	TRIAL- LATE WATER, FLTRD, GF 0.7 U REC (UG/L) (82678)	TRI- CLOPYR, WATER, FLTRD, GF 0.7 U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	
362212093284301		05-02-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01	
Powell Dolomite												
STATION	NUMBER	DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH OF WELL, TOTAL (FEET) (72008)	DEPTH TO BOT- TOM OF SAMPLE INTER- VAL (FT) (72016)	DEPTH TO TOP OF SAMPLE INTER- VAL (FT) (72015)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN) (72004)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	
361314093302501		04-05-94	1600	80513	80020	275.00	275	275	1380	50	7.0	362
STATION	NUMBER	DATE	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	CALCIUM DIS- SOLVED (MG/L) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) (00925)	SODIUM, DIS- SOLVED (MG/L) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L) (00935)	ALKA- LINITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	SULFATE DIS- SOLVED (MG/L) AS SO4 (00945)
361314093302501		04-05-94	7.4	10.0	15.5	1.3	49	15	1.6	2.0	205	14
STATION	NUMBER	DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	BROMIDE DIS- SOLVED (MG/L AS BR) (71870)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS DIS- SOLVED (MG/L) AS P (00666)
361314093302501		04-05-94	1.6	0.20	0.010	8.7	190	0.020	0.410	0.030	<0.20	<0.010
STATION	NUMBER	DATE	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	TRITIUM TOTAL (PCI/L) (07000)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, GF 0.7 U REC (UG/L) (38746)	ACIFL- UORFEN WATER, FLTRD, GF 0.7 U REC (UG/L) (49315)
361314093302501		04-05-94	<0.010	<1	4	1	0.2	32	<0.05	<0.05	<0.05	<0.05
STATION	NUMBER	DATE	ALA- CHLOR, WATER, FLTRD, DISS, REC (UG/L) (46342)	ALDI- CARB WATER, FLTRD, GF 0.7 U REC (UG/L) (49312)	ALDICA- RB SUL- FOXIDE, WAT, FLT GF 0.7 U REC (UG/L) (49314)	ALDI- CARB SULFONE WAT, FLT GF 0.7 U REC (UG/L) (49313)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD, GF 0.7 U REC (UG/L) (49307)	ATRA- ZINE, WATER, FLTRD, DISS, REC (UG/L) (39632)	DEETHYL ATRA- ZINE, WATER, FLTRD, DISS, REC (UG/L) (04040)	BEN- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82673)	BENTA- ZON, WATER, FLTRD, GF 0.7 U REC (UG/L) (38711)
361314093302501		04-05-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.01	<0.01	<0.05
STATION	NUMBER	DATE	BRO- MACIL, WATER, FLTRD, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7 U REC (UG/L) (49311)	BUTYL- ATE, WATER, FLTRD, DISS, REC (UG/L) (04028)	CAR- BARYL WATER, FLTRD, GF 0.7 U REC (UG/L) (82680)	CAR- BARYL, WATER, FLTRD, GF 0.7 U REC (UG/L) (49310)	CARBO- FURAN WATER, FLTRD, GF 0.7 U REC (UG/L) (82674)	CARBO- FURAN WATER, FLTRD, GF 0.7 U REC (UG/L) (49309)	3HYDRXY CARBO- FURAN WAT, FLT GF 0.7 U REC (UG/L) (49308)	CHLORO- THALO- NIL, WAT, FLT GF 0.7 U REC (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)
361314093302501		04-05-94	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05	<0.05	<0.00
STATION	NUMBER	DATE	CLOPYR- ALID, WATER, FLTRD, GF 0.7 U REC (UG/L) (49305)	CYANA- ZINE, WATER, FLTRD, DISS, REC (UG/L) (04041)	DACTHAL MONO- ACID, WAT, FLT GF 0.7 U REC (UG/L) (49304)	DCPA WATER, FLTRD, GF 0.7 U REC (UG/L) (82682)	P, P' DDE DISSOLV (UG/L) (34653)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7 U REC (UG/L) (38442)	DICHLOR- BENIL, WATER, FLTRD, GF 0.7 U REC (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD, GF 0.7 U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
361314093302501		04-05-94	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05	<0.01
STATION	NUMBER	DATE	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7 U REC (UG/L) (49301)	DISUL- FOTON WATER, FLTRD, GF 0.7 U REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7 U REC (UG/L) (49300)	EPTC WATER, FLTRD, GF 0.7 U REC (UG/L) (82668)	ESFEN- VAL- ERATE, WAT, FLT GF 0.7 U REC (UG/L) (49298)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO- PROP WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82672)	FEN- URON, WATER, FLTRD, GF 0.7 U REC (UG/L) (49297)	
361314093302501		04-05-94	<0.01	<0.05	<0.01	<0.05	<0.00	<0.05	<0.01	<0.01	<0.05	

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

CARROLL COUNTY, ARKANSAS--CONTINUED
Powell Dolomite--continued
WATER-QUALITY DATA

STATION	NUMBER	DATE	FONOFOS WATER, FLTRD, DISS REC (UG/L) (04095)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER, FLTRD, 0.7 U GF, REC (UG/L) (82666)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MALA- THION, DIS- SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)
361314093302501		04-05-94	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
STATION	NUMBER	DATE	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN- PHOS WAT FLT GF, REC (UG/L) (82686)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	METHYL PARA- THION WAT FLT GF, REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD, 0.7 U GF, REC (UG/L) (82671)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NAPROP- AMIDE WATER FLTRD, 0.7 U GF, REC (UG/L) (82684)
361314093302501		04-05-94	<0.05	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
STATION	NUMBER	DATE	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	OCRESOL 4, 6- DINITRO WAT, FLT GF 0.7U REC (UG/L) (49299)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FLTRD, 0.7 U GF, REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
361314093302501		04-05-94	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
STATION	NUMBER	DATE	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PHORATE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82664)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82676)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER, FLTRD, 0.7 U GF, REC (UG/L) (82679)	PRO- FARGITE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82685)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)
361314093302501		04-05-94	<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
STATION	NUMBER	DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU- THIURON WATER, FLTRD, 0.7 U GF, REC (UG/L) (82670)	TER- BACIL WATER, FLTRD, 0.7 U GF, REC (UG/L) (82665)	TER- BUFOS WATER, FLTRD, 0.7 U GF, REC (UG/L) (82675)	THIO- BENCARB WATER, FLTRD, 0.7 U GF, REC (UG/L) (82681)	TRIAL- LATE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82678)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
361314093302501		04-05-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01

CLAY COUNTY, ARKANSAS

362311090111301. Local number, 20N08E11BAC3.

LOCATION.--Lat 36°23'11", long 90°11'13". Hydrologic Unit 08020203, near municipal light plant, Piggott (well No. 3).

Owner: City of Piggott.

AQUIFER.--Nacatoch Sand of Cretaceous age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 12-8 in, depth 976 ft. cased 0-900 ft., screened 900-976 ft.

DATUM.--Land surface, 275 ft. above sea level.

REMARKS.--Water-quality records for June 1956, June 1970, April 1975, June 1982, August 1990, and July 1995 are available in files of district office.

PERIOD OF RECORD.--June 1956 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)
JUL	05. 1255	976.00	290	80513	81213	802	8.1	757	24.5	5	25
DATE	TIME	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT FET FIELD (MG/L AS CACO3 AS SO4) (00410) (00945)	SULFATE DIS- SOLVED (MG/L AS NH4) (00940)	CHLO- RIDE, DIS- SOLVED (MG/L AS N) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)
JUL	05. 1255	6.8	1.8	180	93	16	3.4	290	8.1	79	0.40
DATE	TIME	SILICA, DIS- SOLVED AS SiO2 (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	
JUL	05. 1255	11	458	466	0.62	<0.010	<0.020	0.600	0.77	<0.20	

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

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CLAY COUNTY, ARKANSAS--CONTINUED
 362311090111301. Local number, 20N08E11BAC3.--continued

WATER-QUALITY DATA

DATE	TIME	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	BORON, DIS- SOLVED (UG/L AS B) (01020)	CADMIUM, DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)
JUL 05.	1255	0.070	0.21	11	1	210	<1.0	<5	<3	<10
DATE	TIME	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LITHIUM, DIS- SOLVED (UG/L AS LI) (01130)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)
JUL 05.	1255	27	<10	40	2	<10	<10	2.0	240	<6
DATE	TIME	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, DIS- SOLVED (UG/L AS U-NAT) (80030)	GROSS BETA, DIS- SOLVED (PCI/L AS CS-137) (03515)	ALPHA RADIO- WATER DISS AS TH-230 (PCI/L) (04126)	GROSS BETA, DIS- SOLVED (PCI/L AS SR/ Y-90) (80050)	ALPHA, COUNT, 2 SIGMA WAT DIS AS NAT U (UG/L) (75986)	ALPHA, COUNT, 2 SIGMA WAT DIS AS TH-230 (PCI/L) (75987)	BETA, 2 SIGMA WATER, DISS, AS SR90 Y90 (PCI/L) (75988)	BETA, 2 SIGMA WATER, DISS, AS CS-137 (PCI/L) (75989)
JUL 05.	1255	<4	<3.0	9.1	<3.0	4.2	3.7	2.2	1.7	4.2

CRAIGHEAD COUNTY, ARKANSAS
 354238090504401. Local number, 13N02E35DAC1.

LOCATION.--Lat 35°42'36", long 90°50'44", Hydrologic Unit 08020302, near Otwell.

Owner: A. B. Clark.

AQUIFER.--Sand and gravel of Quaternary age.

WELL CHARACTERISTICS.--Drilled irrigation artesian well, diameter 12 in, depth 127 ft., cased 0-87 ft., screened 87-127 ft.

DATUM.--Land surface, 250 ft. above sea level.

REMARKS.--Water-quality records for June 1969, September 1974, June 1981, July 1984, August 1990, and July 1995 are in files of district office.

PERIOD OF RECORD.--June 1969 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE WATER (DEG C) (00010)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)
JUL 06.	1545	127.00	252	80513	81213	925	6.9	760	22.0	20	410
DATE	TIME	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)
JUL 06.	1545	120	26	35	16	0.8	2.2	383	63	9.9	0.10
DATE	TIME	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)
JUL 06.	1545	35	552	529	0.75	0.010	0.03	<0.020	0.440	0.57	0.01
DATE	TIME	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS PO4) (00660)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	BORON, DIS- SOLVED (UG/L AS B) (01020)	CADMIUM, DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)
JUL 06.	1545	0.45	0.010	0.03	190	1	30	<1.0	<5	<3	<10
DATE	TIME	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LITHIUM, DIS- SOLVED (UG/L AS LI) (01130)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	
JUL 06.	1545	6800	<10	<4	510	<10	<10	<1.0	330	<6	
DATE	TIME	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, DIS- SOLVED (UG/L AS U-NAT) (80030)	GROSS BETA, DIS- SOLVED (PCI/L AS CS-137) (03515)	ALPHA RADIO- WATER DISS AS TH-230 (PCI/L) (04126)	GROSS BETA, DIS- SOLVED (PCI/L AS SR/ Y-90) (80050)	ALPHA, COUNT, 2 SIGMA WAT DIS AS NAT U (UG/L) (75986)	ALPHA, COUNT, 2 SIGMA WAT DIS AS TH-230 (PCI/L) (75987)	BETA, 2 SIGMA WATER, DISS, AS SR90 Y90 (PCI/L) (75988)	BETA, 2 SIGMA WATER, DISS, AS CS-137 (PCI/L) (75989)	
JUL 06.	1545		<4	7.9	15	5.5	4.9	7.9	5.4	1.8	6.6

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

CRAIGHEAD COUNTY, ARKANSAS--CONTINUED
354835090365601. Local number, 13N04E12ABB1.

WATER-QUALITY DATA

LOCATION.--Lat 35°46'35", long 90°36'56", Hydrologic Unit 08020203, near Bay.

Owner: Wilburn Morrison.

AQUIFER.--Sand and gravel of Quaternary age.

WELL CHARACTERISTICS.--Drilled irrigation water-table well, diameter 10 in, depth 110 ft., cased 0-70 ft., screened 70-110 ft.

DATUM.-- Land surface, 231 ft. above sea level. Measuring point: Cut-out in North side of casing, 1.50 ft. above land surface.

REMARKS.--Water-quality records for August 1984, August 1990, and July 1995 are in files of district office.

PERIOD OF RECORD.--August 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.-- Highest water level measured, 14.73 ft. below land surface, April 1, 1985; lowest 19.30 ft. below land surface, August 7, 1984.

MEASUREMENT FOR CURRENT YEAR.-- No measurement.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE (FT. ABOVE NGVD) (72000)	AGENCY COL-LECTING SAMPLE (CODE) (00027)	AGENCY ANA-LYZING SAMPLE (CODE) (00028)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD) (UNITS) (00400)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	TEMPER-ATURE WATER (DEG C) (00010)	COLOR (PLAT-INUM-COBALT) (UNITS) (00080)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)
JUL 06.	1415	110.00	231	80513	81213	706	7.1	762	18.5	10	340
DATE	TIME	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKA-LINITY WAT WH TOT FET FIELD (MG/L AS CACO3) (00410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)
JUL 06.	1415	98	23	30	16	0.7	1.2	345	24	11	0.20
DATE	TIME	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	NITRO-GEN, NO2+N03 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4) (71846)	
JUL 06.	1415	26	426	421	0.58	0.010	0.03	<0.020	0.140	0.18	
DATE	TIME	NITRO-GEN, AM-MONIA + ORGANIC DIS-SOLVED (MG/L AS N) (00623)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM, DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	
JUL 06.	1415	<0.20	<0.010	200	1	10	<1.0	<5	<3	<10	
DATE	TIME	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM, DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	
JUL 06.	1415	<4100	<10	<4	200	<10	<10	<1.0	150	<6	
DATE	TIME	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, DIS-SOLVED (UG/L AS U-NAT) (80030)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137) (03515)	ALPHA RADIO. WATER DISS AS TH-230 (PCI/L) (04126)	GROSS BETA, DIS-SOLVED (PCI/L AS SR/Y-90) (80050)	ALPHA, COUNT, 2 SIGMA WAT DIS AS NAT U (UG/L) (75986)	ALPHA, COUNT, 2 SIGMA WAT DIS AS TH-230 (PCI/L) (75988)	BETA, 2 SIGMA WATER, DISS AS SR90 (PCI/L) (75988)	BETA, 2 SIGMA WATER, DISS AS CS-137 (PCI/L) (75988)	
JUL 06.	1415	<4	9.9	10	5.1	<4.0	7.6	3.8	1.7	5.1	

GREENE COUNTY, ARKANSAS

360322090290401. Local number, 17N06E31DCB1.

LOCATION.--Lat 36°03'22", long 90°29'04", Hydrologic Unit 08020203, at Paragould (city well No. 1).

Owner: City of Paragould.

AQUIFER.--Sand, Wilcox Group of Eocene age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 20 in, depth 507 ft., cased (-1)-467 ft., screened 467-507 ft.

DATUM.-- Land surface, 285 ft. above sea level. Measuring point: Pipe in east side of pump base, 1.00 ft. above land surface.

REMARKS.--Water-quality records for December 1976, June 1981, July 1984, August 1990, and July 1995 are in files of district office. This Well replaced 13N05E21BDD1 for a master well.

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

EXTREMES FOR PERIOD OF RECORD.-- Highest water level measured, 73.25 ft. below land surface, April 13, 1967; lowest 117.34 ft. below land surface, April 5, 1990.

MEASUREMENT FOR CURRENT YEAR.-- No measurement.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE (FT. ABOVE NGVD) (72000)	AGENCY COL-LECTING SAMPLE (CODE) (00027)	AGENCY ANA-LYZING SAMPLE (CODE) (00028)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD) (UNITS) (00400)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	TEMPER-ATURE WATER (DEG C) (00010)	COLOR (PLAT-INUM-COBALT) (UNITS) (00080)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)
JUL 05.	1515	507.00	285	80513	81213	267	7.2	758	20.0	20	10

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

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GREENE COUNTY, ARKANSAS--CONTINUED
360322090290401. Local number, 17N06E31DCB1.--continued

WATER-QUALITY DATA

DATE	TIME	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)
JUL 05.	1515	2.4	0.90	57	91	8	2.1	125	2.3	1.6	0.20
DATE	TIME	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)
JUL 05.	1515	12	160	156	0.22	0.010	0.03	<0.020	0.250	0.32	0.03
DATE	TIME	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS P04) (00660)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	BORON, DIS- SOLVED (UG/L AS B) (01020)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)
JUL 05.	1515	0.28	0.360	1.1	13	1	150	<1.0	<5	<3	<10
DATE	TIME	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	
JUL 05.	1515	420	<10	20	24	<10	<10	1.6	70	<6	
DATE	TIME	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, BETA, DIS- SOLVED (UG/L AS U-NAT) (80030)	GROSS BETA, DIS- SOLVED (PCI/L AS CS-137) (03515)	ALPHA RADIO. WATER DISS AS TH-230 (PCI/L) (04126)	GROSS BETA, DIS- SOLVED (PCI/L AS Y-90) (80050)	ALPHA, COUNT, 2 SIGMA WAT DIS AS NAT U (UG/L) (75986)	ALPHA COUNT, 2 SIGMA WAT DIS AS TH-230 (PCI/L) (75987)	BETA, 2 SIGMA WATER, DISS, AS SR90 /Y90 (PCI/L) (75988)	BETA, 2 SIGMA WATER, DISS, AS CS-137 (PCI/L) (75989)	
JUL 05.	1515	15	<3.0	<4.0	<3.0	<4.0	1.2	0.83	1.5	2.1	

POINTSETT COUNTY, ARKANSAS

352930090582501. Local number, 10N01E15DBB1.

LOCATION.--Lat 35°29'30", long 90°58'25", Hydrologic Unit 08020205, at Fisher.

Owner: City of Fisher.

AQUIFER.--Sand, Memphis aquifer of the Claiborne group of Eocene age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 6 in, depth 302 ft., cased 0-260 ft., screened 260-302 ft.

DATUM.--Land surface, 232 ft. above sea level. Measuring point: Bottom of large opening south, side of pump, 1.80 ft. above land surface.

REMARKS.--Water-quality records for June 1970, March 1975, June 1982, July 1991, and July 1995 are in files of district office.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 49.20 ft. below land surface, April 8, 1968; lowest 75.07 ft. below land surface, April 18, 1990.

MEASUREMENT FOR CURRENT YEAR.--No measurement.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	TEMPER- ATURE (DEG C) (00010)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	HARD- NESS TOTAL (MG/L AS CACO3) (00900)
JUL 06.	1035	302.00	232	80513	81213	522	7.4	762	19.5	20	200
DATE	TIME	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	
JUL 06.	1035	54	15	41	31	1	2.8	235	<0.20	17	
DATE	TIME	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C SOLVED (MG/L) (70300)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	
JUL 06.	1035	0.20	20	300	<0.010	<0.020	0.500	0.64	0.06	0.56	

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

POINSETT COUNTY, ARKANSAS--CONTINUED
352930090582501. Local number, 10N01E15DBB1.--continued

WATER-QUALITY DATA

DATE	TIME	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)
JUL 06.	1035	2100	<10	<4	180	<10	<10	<1.0	310	<6
DATE	TIME	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, DIS- SOLVED (UG/L AS) (80030)	GROSS BETA, DIS- SOLVED (PCI/L AS) (03515)	ALPHA RADIO- WATER DISS TH-230 (PCI/L (04126)	GROSS BETA, DIS- SOLVED (PCI/L AS SR/ Y-90) (80050)	ALPHA, COUNT, 2 SIGMA WAT DIS AS NAT U (UG/L (75986)	ALPHA COUNT, 2 SIGMA WAT DIS AS TH-230 (PCI/L (75987)	BETA, 2 SIGMA WATER, DISS AS SR90 /Y90 (PCI/L (75988)	BETA, 2 SIGMA WATER, DISS AS CS-137 (PCI/L (75989)
JUL 06.	1035	<4	<3.0	5.5	<3.0	4.2	3.5	2.6	4.1	5.5
DATE	TIME	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHATE, ORTHO, DIS- SOLVED (MG/L AS P04) (00660)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	BORON, DIS- SOLVED (UG/L AS B) (01020)	CADMIUM, DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)
JUL 06.	1035	0.030	0.09	160	1	50	<1.0	<5	<3	<10

WASHINGTON COUNTY, ARKANSAS
Boone Formation

STATION	NUMBER	DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH OF WELL TOTAL (FEET) (72008)	DEPTH TO BOT-TOM OF SAMPLE INTER-VAL (FT) (72016)	DEPTH TO TOP OF SAMPLE INTER-VAL (FT) (72015)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	FLOW RATE, INSTAN-TANEOUS (G/M) (00059)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
355834094280801		04-12-94	1400	80513	80020	200.00	200	200	1215	50	4.0	422
360129094172801		04-12-94	1000	80513	80020	170.00	170	170	1225	35	4.0	385
360313094215701		04-07-94	1600	80513	80020	200.00	200	200	1140	40	1.0	248
360435094275501		05-05-94	1000	80513	80020	spring	--	--	1040	--	225	--
360618094225701		06-28-95	1000	80513	80020	spring	--	--	1200	--	--	243
360832094113601		07-13-94	1000	80513	80020	200.00	200	19	1300	--	3.5	346
360839094102801		04-25-94	1600	80513	80020	spring	--	--	1250	--	--	341
360905094173401		04-27-94	1000	80513	80020	spring	--	--	1160	--	100	344
361056094051201		04-27-94	1400	80513	80020	spring	--	--	1320	--	40	--
361156094192101		05-04-94	1400	80513	80020	spring	--	--	1090	--	50	--
361202094112801		03-17-94	1200	80513	80020	200.00	200	--	1286	60	6.5	343
361221094140501		04-08-94	0900	80513	80020	spring	--	--	1150	--	36	214
		07-13-94	1500	80513	80020	spring	--	--	1150	--	38	234
361221094140502		07-13-94	1500	80513	80020	spring	--	--	1150	--	551	230
STATION	NUMBER	DATE	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKA-LINITY WAT WH TOT IT FIELD (MG/L AS CAC03) (00419)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
355834094280801		04-12-94	7.0	14.0	16.0	0.6	56	5.8	20	0.70	235	13
360129094172801		04-12-94	7.0	14.0	15.5	4.2	71	1.3	4.8	0.40	201	5.6
360313094215701		04-07-94	7.2	15.0	14.5	8.5	55	0.62	1.1	0.70	185	0.80
360435094275501		05-05-94	6.0	19.0	14.0	8.9	43	2.1	3.7	2.1	93	5.4
360618094225701		06-28-95	6.2	--	14.0	8.8	48	1.3	2.1	0.80	--	6.7
360832094113601		07-13-94	--	20.0	16.0	7.4	79	1.2	2.1	0.50	--	2.5
360839094102801		04-25-94	6.8	21.5	--	9.5	55	1.8	7.3	2.0	132	4.0
360905094173401		04-27-94	6.7	17.5	14.0	7.8	15	3.0	41	4.5	93	4.1
361056094051201		04-27-94	7.1	30.0	14.5	9.2	77	3.4	15	1.4	183	29
361156094192101		05-04-94	6.5	21.5	13.0	7.8	40	1.9	4.0	1.1	102	2.6
361202094112801		03-17-94	7.3	17.0	15.5	1.1	63	3.6	4.7	0.10	179	5.4
361221094140501		04-08-94	6.3	18.5	14.0	6.7	31	2.0	4.7	3.0	116	4.5
		07-13-94	7.0	26.5	15.0	7.1	46	1.7	6.1	1.6	114	1.8
361221094140502		07-13-94	6.9	26.5	14.5	7.3	45	1.8	6.2	1.9	98	2.3
STATION	NUMBER	DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (01870)	SILICA, DIS-SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (07300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS-SOLVED (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)
355834094280801		04-12-94	5.7	0.20	0.040	9.3	243	0.030	1.00	0.150	<0.20	<0.010
360129094172801		04-12-94	3.9	<0.10	0.030	7.5	225	<0.010	1.40	0.040	<0.20	<0.010
360313094215701		04-07-94	1.6	<0.10	0.020	8.9	149	0.020	0.960	0.030	<0.20	<0.010
360435094275501		05-05-94	9.0	<0.10	0.040	9.2	168	<0.010	4.10	0.030	<0.20	0.010
360618094225701		06-28-95	2.2	<0.10	0.040	10	143	<0.010	0.140	0.020	<0.20	<0.010
360832094113601		07-13-94	4.0	<0.10	0.040	8.6	233	<0.010	2.30	<0.010	<0.20	<0.010
360839094102801		04-25-94	8.6	<0.10	0.060	9.4	206	<0.010	6.10	0.010	<0.20	0.020
360905094173401		04-27-94	28	<0.10	0.20	19	216	<0.010	6.30	0.020	<0.20	0.070
361056094051201		04-27-94	16	<0.10	0.060	12	282	0.010	4.90	0.020	<0.20	0.050
361156094192101		05-04-94	6.8	<0.10	0.050	11	157	<0.010	5.60	0.010	<0.20	0.010
361202094112801		03-17-94	2.6	<0.10	0.030	8.7	194	<0.010	0.900	0.010	<0.20	0.020
361221094140501		04-08-94	7.2	<0.10	0.030	9.2	141	0.010	8.30	0.020	<0.20	0.060
		07-13-94	7.3	<0.10	0.040	9.8	184	<0.010	6.60	<0.010	<0.20	0.020
361221094140502		07-13-94	8.1	<0.10	0.050	9.6	174	<0.010	6.90	<0.010	<0.20	0.020

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STATION	NUMBER	DATE	PHOS-	ALUM-	ARSENIC	IRON	MANGA-	CARBON	TRITIUM	2,4-D,	2,4,5-T	2,4-DB
			PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	INUM, DIS- SOLVED (UG/L AS AL) (01106)	DIS- SOLVED (UG/L AS AS) (01000)	DIS- SOLVED (UG/L AS FE) (01046)	NESE, DIS- SOLVED (UG/L AS MN) (01056)	ORGANIC DIS- SOLVED (MG/L AS C) (00681)		TOTAL (PCI/L) (07000)	DIS- SOLVED (UG/L) (39732)	DIS- SOLVED (UG/L) (39742)
355834094280801	04-12-94	<0.010	---	---	1	3300	210	0.8	16	<0.05	<0.05	<0.05
360129094172801	04-12-94	<0.010	---	---	<1	6	<1	0.3	2.6	<0.05	<0.05	<0.05
360313094215701	04-07-94	0.010	---	---	<1	<3	<1	0.3	21	<0.05	<0.05	<0.05
360435094275501	05-05-94	0.010	---	---	<1	13	<1	---	20	<0.05	<0.05	<0.05
360618094225701	06-28-95	<0.010	20	---	<1	9	<1	0.5	25	<0.05	<0.05	<0.05
360832094113601	07-13-94	<0.010	---	---	---	<3	<1	0.2	24	<0.05	<0.05	<0.05
360839094102801	04-25-94	0.010	---	---	<1	3	8	0.4	31	<0.05	<0.05	<0.05
360905094173401	04-27-94	0.050	---	---	<1	200	82	0.6	30	<0.05	<0.05	<0.05
361056094051201	04-27-94	0.060	---	---	<1	5	<1	0.8	21	<0.05	<0.05	<0.05
361156094192101	05-04-94	<0.010	---	---	<1	<3	<1	---	26	<0.05	<0.05	<0.05
361202094112801	03-17-94	<0.010	---	---	<1	5	2	0.5	5.4	<0.05	<0.05	<0.05
361221094140501	04-08-94	0.040	---	---	<1	26	6	0.8	21	---	---	---
	07-13-94	0.020	---	---	---	<3	2	0.3	30	<0.05	<0.05	<0.05
361221094140502	07-13-94	0.020	---	---	---	4	6	---	---	---	---	---
STATION	NUMBER	DATE	ACETO- CHLOR, WATER, FLTRD REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD GF 0.70 REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ALDI- CARB WATER, FLTRD GF 0.70 REC (UG/L) (49312)	ALDICA- RB SUL- FOXIDE WAT, FLT GF 0.70 REC (UG/L) (49314)	ALDI- CARB SULFONE WAT, FLT GF 0.70 REC (UG/L) (49313)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD GF 0.70 REC (UG/L) (49307)	ATRA- ZINE WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA- ZINE WATER, DISS, REC (UG/L) (04040)
355834094280801	04-12-94	---	---	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.01
360129094172801	04-12-94	---	---	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.01
360313094215701	04-07-94	---	---	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.01
360435094275501	05-05-94	---	---	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	0.00	0.00
360618094225701	06-28-95	<0.002	---	<0.05	<0.00	<0.05	---	---	<0.00	<0.05	<0.00	<0.00
360832094113601	07-13-94	---	---	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.00
360839094102801	04-25-94	---	---	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	0.00	0.00
360905094173401	04-27-94	---	---	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	0.00
361056094051201	04-27-94	---	---	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	0.00	0.00
361156094192101	05-04-94	---	---	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	

Boone Formation--continued

WATER-QUALITY DATA

[illegible][illegible][illegible][illegible]

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

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WASHINGTON COUNTY, ARKANSAS--CONTINUED

Boone Formation--continued

WATER-QUALITY DATA

STATION	NUMBER	DATE	PIC- LORAM, WATER, FLTRD GF 0.7 U REC (UG/L) (49291)	PHORATE WATER, FLTRD GF 0.7 U REC (UG/L) (82664)	PRO- METON, WATER, FLTRD GF 0.7 U REC (UG/L) (04037)	PRON- AMIDE WATER, FLTRD GF 0.7 U REC (UG/L) (82676)	PROP- CHLOR, WATER, FLTRD GF 0.7 U REC (UG/L) (04024)	PRO- PANIL WATER, FLTRD GF 0.7 U REC (UG/L) (82679)	PRO- PARGITE WATER, FLTRD GF 0.7 U REC (UG/L) (82685)	PRO- PHAM, WATER, FLTRD GF 0.7 U REC (UG/L) (49236)	PRO- POKUR, WATER, FLTRD GF 0.7 U REC (UG/L) (38538)
355834094280801	04-12-94	<0.05	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
360129094172801	04-12-94	<0.05	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
360313094215701	04-07-94	<0.05	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
360435094275501	05-05-94	<0.05	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
360618094225701	06-28-95	<0.05	<0.00	<0.02	<0.00	<0.01	<0.00	<0.01	<0.01	<0.05	<0.05
360832094113601	07-13-94	<0.05	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
360839094102801	04-25-94	<0.05	<0.01	0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
360905094173401	04-27-94	<0.05	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361056094051201	04-27-94	<0.05	<0.01	0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361156094192101	05-04-94	<0.05	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361202094112801	03-17-94	<0.05	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361221094140501	04-08-94	--	--	--	--	--	--	--	--	--	--
361221094140501	07-13-94	<0.05	<0.01	0.08	<0.01	<0.02	<0.02	<0.02	<0.01	<0.05	<0.05
361221094140502	07-13-94	--	--	--	--	--	--	--	--	--	--

STATION	NUMBER	DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, FLTRD GF 0.7 U REC (UG/L) (04035)	TEBU- THIURON WATER, FLTRD GF 0.7 U REC (UG/L) (82670)	TER- BACIL WATER, FLTRD GF 0.7 U REC (UG/L) (82665)	TER- BIFOS WATER, FLTRD GF 0.7 U REC (UG/L) (82675)	THIO- BENCARB WATER, FLTRD GF 0.7 U REC (UG/L) (82681)	TRIAL- LATE WATER, FLTRD GF 0.7 U REC (UG/L) (82678)	TRI- CLOPYR, WATER, FLTRD GF 0.7 U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT GF 0.7 U REC (UG/L) (82661)
355834094280801	04-12-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
360129094172801	04-12-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
360313094215701	04-07-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
360435094275501	05-05-94	<0.05	0.00	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
360618094225701	06-28-95	<0.05	<0.00	<0.01	<0.01	<0.01	<0.00	<0.00	<0.00	<0.05	<0.00
360832094113601	07-13-94	<0.05	<0.01	0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
360839094102801	04-25-94	<0.05	0.02	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
360905094173401	04-27-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
361056094051201	04-27-94	<0.05	0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
361156094192101	05-04-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
361202094112801	03-17-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
361221094140501	04-08-94	--	--	--	--	--	--	--	--	--	--
361221094140501	07-13-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
361221094140501	07-13-94	--	--	--	--	--	--	--	--	--	--

BARRY COUNTY, MISSOURI

Osagean Series

STATION	NUMBER	DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH OF WELL TOTAL (FEET) (72008)	DEPTH TO BOT- TOM OF SAMPLE INTER- VAL (FT) (72016)	DEPTH TO TOP OF SAMPLE INTER- VAL (FT) (72015)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN) (72004)	FLOW RATE INSTAN- TANEOUS (G/M) (00059)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)
363939093552301		05-16-95	1000	80513	80020	174.00	174	140	1485	25	4.0	263
364009093510101		05-16-95	1200	80513	80020	spring	--	--	1460	--	897	275
364422093501001		05-16-95	1500	80513	80020	spring	--	--	1250	--	287	225
364622094005101		05-17-95	1300	80513	80020	spring	--	--	1280	--	50	275

STATION	NUMBER	DATE	PH	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	CALCIUM DIS- SOLVED (MG/L) AS CA (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MG (00925)	SODIUM, DIS- SOLVED (MG/L) AS NA (00930)	POTAS- SIUM, DIS- SOLVED (MG/L) AS K (00935)	ALKA- LITY	SULFATE DIS- SOLVED (MG/L) AS SO4 (00945)
			WATER WHOLE FIELD (STAND- ARD UNITS) (00400)								WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	
363939093552301		05-16-95	7.0	23.5	15.0	9.5	58	1.7	2.7	1.7	120	3.0
364009093510101		05-16-95	6.9	23.5	13.0	6.6	56	1.3	2.9	1.4	137	2.9
364422093501001		05-16-95	6.9	28.0	13.0	7.9	52	1.3	3.6	0.90	115	2.8
364622094005101		05-17-95	6.8	20.0	13.5	6.6	53	3.5	2.8	1.3	132	2.7

STATION	NUMBER	DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	BROMIDE DIS- SOLVED (MG/L AS BR (71870)	SILICA, DIS- SOLVED (MG/L AS SiO2 (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L (70300)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N (00613)	NITRO- GEN NO2+NO3 DIS- SOLVED (MG/L AS N (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N (00608)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L (00623)	PHOS- PHORUS DIS- SOLVED (MG/L AS P (00666)
363939093552301		05-16-95	6.2	<0.10	0.020	11	191	<0.010	2.40	<0.015	<0.20	0.020
364009093510101		05-16-95	5.4	<0.10	0.020	10	183	<0.010	1.20	<0.015	<0.20	0.020
364422093501001		05-16-95	4.8	<0.10	0.030	9.9	162	<0.010	2.40	0.020	<0.20	0.010
364622094005101		05-17-95	5.8	<0.10	0.030	11	177	<0.010	2.80	<0.015	<0.20	<0.010

STATION	NUMBER	DATE	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	TRITIUM TOTAL (PCI/L) AS C (07000)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	2,4-DB WATER, FLTR, REC (UG/L) (38746)
363939093552301		05-16-95	0.020	<10	<1	10	<1	0.5	28	<0.03	<0.03	<0.03
364009093510101		05-16-95	0.020	20	<1	5	<1	0.3	23	<0.03	<0.03	<0.03
364422093501001		05-16-95	0.010	<10	<1	18	<1	0.3	25	<0.03	<0.03	<0.03
364622094005101		05-17-95	0.010	<10	<1	10	<1	0.3	23	<0.03	<0.03	<0.03

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

BARRY COUNTY, MISSOURI--CONTINUED
Osagean Series--continued
WATER-QUALITY DATA

STATION	NUMBER	DATE	ACETO- CHLOR, WATER, FLTRD REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD GF 0.7 U REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ALDI- CARB, WATER, FLTRD GF 0.7 U REC (UG/L) (49312)	ALDICA- RB SUL- FOXIDE, WAT FLT GF 0.7 U REC (UG/L) (49314)	ALDI- CARB SULFONE WAT FLT GF 0.7 U REC (UG/L) (49313)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD GF 0.7 U REC (UG/L) (49307)	ATRA- ZINE WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA- ZINE WATER, DISS, REC (UG/L) (04040)
363939093552301		05-16-95	<0.009	<0.03	<0.01	<0.03	<0.03	<0.03	<0.01	<0.02	<0.02	<0.00
364009093510101		05-16-95	<0.009	<0.03	<0.01	<0.03	<0.03	<0.03	<0.01	<0.02	<0.02	<0.00
364422093501001		05-16-95	<0.009	<0.03	<0.01	<0.03	<0.03	<0.03	<0.01	<0.02	<0.02	<0.00
364622094005101		05-17-95	<0.009	<0.03	<0.01	<0.03	<0.03	<0.03	<0.01	<0.02	<0.02	<0.00
STATION	NUMBER	DATE	BEN- FLUR- ALIN WAT FLT GF 0.7 U REC (UG/L) (82673)	BENTA- ZON WATER, FLTRD GF 0.7 U REC (UG/L) (38711)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD GF 0.7 U REC (UG/L) (49311)	BUTYL- ATE WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER, FLTRD GF 0.7 U REC (UG/L) (82680)	CAR- BARYL, WATER, FLTRD GF 0.7 U REC (UG/L) (49310)	CARBO- FURAN WATER, FLTRD GF 0.7 U REC (UG/L) (82674)	CARBO- FURAN, WATER, FLTRD GF 0.7 U REC (UG/L) (49309)	3HYDRXY CARBO- FURAN WAT FLT GF 0.7 U REC (UG/L) (49308)
363939093552301		05-16-95	<0.01	<0.02	<0.03	<0.03	<0.01	<0.05	<0.02	<0.01	<0.02	<0.03
364009093510101		05-16-95	<0.01	<0.02	<0.03	<0.03	<0.01	<0.05	<0.02	<0.01	<0.02	<0.03
364422093501001		05-16-95	<0.01	<0.02	<0.03	<0.03	<0.01	<0.05	<0.02	<0.01	<0.02	<0.03
364622094005101		05-17-95	<0.01	<0.02	<0.03	<0.03	<0.01	<0.05	<0.02	<0.01	<0.02	<0.03
STATION	NUMBER	DATE	CHLORO- THALO- NIL WAT FLT GF 0.7 U REC (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CLOPYR- ALID, WATER, FLTRD GF 0.7 U REC (UG/L) (49305)	CYANA- ZINE WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO- ACID, WAT FLT GF 0.7 U REC (UG/L) (49304)	DCPA WATER FLTRD GF 0.7 U REC (UG/L) (82682)	P,P' DDE DISSOLV (UG/L) (34653)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA FLTRD GF 0.7 U REC (UG/L) (38442)	DICHLO- BENTL, WATER, FLTRD GF 0.7 U REC (UG/L) (49303)
363939093552301		05-16-95	<0.03	<0.04	<0.07	<0.01	<0.03	<0.00	<0.01	<0.01	<0.03	<0.02
364009093510101		05-16-95	<0.03	<0.00	<0.07	<0.01	<0.03	<0.00	<0.01	<0.01	<0.03	<0.02
364422093501001		05-16-95	<0.03	<0.00	<0.07	<0.01	<0.03	<0.00	<0.01	<0.01	<0.03	<0.02
364622094005101		05-17-95	<0.03	<0.00	<0.07	<0.01	<0.03	<0.00	<0.01	<0.01	<0.03	<0.02
STATION	NUMBER	DATE	DICHLOR PROP WATER, FLTRD GF 0.7 U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	2,6-DI- ETHYL ANILINE WAT FLT GF 0.7 U REC (UG/L) (82660)	DINOSEB WATER, FLTRD GF 0.7 U REC (UG/L) (49301)	DISUL- FOTON WATER, FLTRD GF 0.7 U REC (UG/L) (82677)	DIURON, WATER, FLTRD GF 0.7 U REC (UG/L) (49300)	EPTC WATER FLTRD GF 0.7 U REC (UG/L) (82668)	ESFEN- VAL- ERATE WAT FLT GF 0.7 U REC (UG/L) (49298)	ETHAL- FLUR- ALIN WAT FLT GF 0.7 U REC (UG/L) (82663)	ETHO- PROP WATER FLTRD GF 0.7 U REC (UG/L) (82672)
363939093552301		05-16-95	<0.03	<0.01	<0.01	<0.03	<0.06	<0.02	<0.00	<0.05	<0.01	<0.01
364009093510101		05-16-95	<0.03	<0.01	<0.01	<0.03	<0.06	<0.02	<0.00	<0.05	<0.01	<0.01
364422093501001		05-16-95	<0.03	<0.01	<0.01	<0.03	<0.06	<0.02	<0.00	<0.05	<0.01	<0.01
364622094005101		05-17-95	<0.03	<0.01	<0.01	<0.03	<0.06	<0.02	<0.00	<0.05	<0.01	<0.01
STATION	NUMBER	DATE	FEN- URON, WATER, FLTRD GF 0.7 U REC (UG/L) (49297)	FONOFOS WATER DISS REC (UG/L) (04095)	FLURO- METURON WATER, FLTRD GF 0.7 U REC (UG/L) (38811)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER FLTRD GF 0.7 U REC (UG/L) (82666)	LINURON WATER, FLTRD GF 0.7 U REC (UG/L) (38478)	MALA- THION, DIS- SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD GF 0.7 U REC (UG/L) (38482)	MCPB, WATER, FLTRD GF 0.7 U REC (UG/L) (38487)	METHIO- CARB WATER, FLTRD GF 0.7 U REC (UG/L) (38501)
363939093552301		05-16-95	<0.02	<0.01	<0.03	<0.01	<0.04	<0.02	<0.01	<0.07	<0.03	<0.02
364009093510101		05-16-95	<0.02	<0.01	<0.03	<0.01	<0.04	<0.02	<0.01	<0.07	<0.03	<0.02
364422093501001		05-16-95	<0.02	<0.01	<0.03	<0.01	<0.04	<0.02	<0.01	<0.07	<0.03	<0.02
364622094005101		05-17-95	<0.02	<0.01	<0.03	<0.01	<0.04	<0.02	<0.01	<0.07	<0.03	<0.02
STATION	NUMBER	DATE	METH- OMYL, WATER, FLTRD GF 0.7 U REC (UG/L) (49296)	METHYL AZIN- PHOS WAT FLT GF 0.7 U REC (UG/L) (82686)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	METHYL PARA- THION WAT FLT GF 0.7 U REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD GF 0.7 U REC (UG/L) (82671)	1-NAPH THOL, WATER, FLTRD GF 0.7 U REC (UG/L) (49295)	NAPROP- AMIDE WATER FLTRD GF 0.7 U REC (UG/L) (82684)	
363939093552301		05-16-95	<0.53	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.02	<0.01	
364009093510101		05-16-95	<0.53	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.02	<0.01	
364422093501001		05-16-95	<0.53	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.02	<0.01	
364622094005101		05-17-95	<0.53	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.02	<0.01	
STATION	NUMBER	DATE	NEB- URON, WATER, FLTRD GF 0.7 U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD GF 0.7 U REC (UG/L) (49293)	OCRESOL 4,6- DINITRO WAT FLT GF 0.7 U REC (UG/L) (49299)	ORY- ZALIN, WATER, FLTRD GF 0.7 U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD GF 0.7 U REC (UG/L) (38866)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FLTRD GF 0.7 U REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT GF 0.7 U REC (UG/L) (82683)	PER- METHIN CIS WAT FLT GF 0.7 U REC (UG/L) (82687)	
363939093552301		05-16-95	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	
364009093510101		05-16-95	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	
364422093501001		05-16-95	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	
364622094005101		05-17-95	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	
STATION	NUMBER	DATE	PIC- LORAM, WATER, FLTRD GF 0.7 U REC (UG/L) (49291)	PHORATE WATER FLTRD GF 0.7 U REC (UG/L) (82664)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER FLTRD GF 0.7 U REC (UG/L) (82676)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER FLTRD GF 0.7 U REC (UG/L) (82679)	PRO- PARGITE WATER FLTRD GF 0.7 U REC (UG/L) (82685)	PRO- PHAM, WATER, FLTRD GF 0.7 U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD GF 0.7 U REC (UG/L) (38538)	
363939093552301		05-16-95	<0.07	<0.01	0.04	<0.01	<0.02	<0.02	<0.01	<0.03	<0.03	
364009093510101		05-16-95	<0.07	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.03	<0.03	
364422093501001		05-16-95	<0.07	<0.01	EO.00	<0.01	<0.02	<0.02	<0.01	<0.03	<0.03	
364622094005101		05-17-95	<0.07	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.03	<0.03	

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

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BARRY COUNTY, MISSOURI--CONTINUED

Osagean Series--continued

WATER-QUALITY DATA

STATION	NUMBER	DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, FLTRD REC (UG/L) (04035)	TEBU- THIURON WATER FLTRD GF, REC (UG/L) (82670)	TER- BACIL WATER FLTRD GF, REC (UG/L) (82665)	TER- BUFOS WATER FLTRD GF, REC (UG/L) (82675)	THIO- BENCARB WATER FLTRD GF, REC (UG/L) (82681)	TRIAL- LATE WATER FLTRD GF, REC (UG/L) (82678)	TRI- CLOPYR, WATER, FLTRD GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
363939093552301		05-16-95	<0.03	<0.01	E0.01	<0.03	<0.01	<0.01	<0.01	<0.09	<0.01
364009093510101		05-16-95	<0.03	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.09	<0.01
364422093501001		05-16-95	<0.03	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.09	<0.01
364622094005101		05-17-95	<0.03	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.09	<0.01

BARTON COUNTY, MISSOURI

Meramecian Series

STATION	NUMBER	DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH OF WELL, TOTAL (FEET) (72008)	DEPTH TO BOT-TOM OF SAMPLE INTER-VAL (FT) (72016)	DEPTH TO TOP OF SAMPLE INTER-VAL (FT) (72015)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	FLOW RATE, INSTAN-TANEOUS (G/M) (00059)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
372731094090701		04-03-95	1345	80513	80020	175.00	175	30	1047	42	3.0	1550
STATION	NUMBER	DATE	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKA-LINITY WAT WH TOT IT FIELD MG/L AS CAC03 (00419)	SULFATE DIS-SOLVED (MG/L AS S04) (00945)
372731094090701		04-03-95	6.8	21.5	15.5	2.6	230	8.3	53	6.3	284	76
STATION	NUMBER	DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS-SOLVED (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)
372731094090701		04-03-95	220	<0.10	0.89	11	948	0.020	25.0	0.020	0.30	0.040
STATION	NUMBER	DATE	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	TRITIUM TOTAL (PCI/L) (07000)	2, 4-D, DIS-SOLVED (UG/L) (39732)	2, 4, 5-T DIS-SOLVED (UG/L) (39742)	2, 4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)
372731094090701		04-03-95	0.040	<10	<1	<3	18	2.3	45	<0.06	<0.01	<0.02
STATION	NUMBER	DATE	ACETO-CHLOR, WATER, FLTRD REC (UG/L) (49260)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, FLTRD, DISS, REC (UG/L) (46342)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDICA-RB SUL-FOXIDE, WAT, FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB SULFONE WAT, FLT GF 0.7U REC (UG/L) (49313)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	ATRA-ZINE, WATER, FLTRD, DISS, REC (UG/L) (39632)	DEETHYL ATRA-ZINE, WATER, FLTRD, DISS, REC (UG/L) (04040)
372731094090701		04-03-95	<0.009	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.02	<0.00
STATION	NUMBER	DATE	BEN-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82673)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MACIL, WATER, FLTRD, DISS, REC (UG/L) (04029)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL-ATE, WATER, FLTRD, DISS, REC (UG/L) (04028)	CAR-BARYL WATER, FLTRD 0.7 U GF, REC (UG/L) (82680)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN WATER, FLTRD 0.7 U GF, REC (UG/L) (82674)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	3HYDRXY CARBO-FURAN WAT, FLT GF 0.7U REC (UG/L) (49308)
372731094090701		04-03-95	<0.01	<0.02	<0.01	<0.02	<0.01	<0.05	<0.01	<0.01	<0.03	<0.01
STATION	NUMBER	DATE	CHLORO-THALO-NIL, WAT, FLT GF 0.7U REC (UG/L) (49306)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA-ZINE, WATER, FLTRD, DISS, REC (UG/L) (04041)	DACTHAL MONO-ACID, WAT, FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER, FLTRD 0.7 U GF, REC (UG/L) (82682)	P, P' DDE DISSOLV (UG/L) (34653)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)
372731094090701		04-03-95	<0.01	<0.00	<0.06	<0.01	<0.02	<0.00	<0.01	<0.01	<0.02	<0.02

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

BARTON COUNTY, MISSOURI--CONTINUED
Meramecian Series--continued
WATER-QUALITY DATA

STATION	NUMBER	DATE	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DISUL- FOTON WATER, FLTRD, 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	EPTC WATER, FLTRD, 0.7 U GF, REC (UG/L) (82668)	ESFEN- VAL- ERATE, WAT, FLT 0.7 U GF, REC (UG/L) (49298)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO- PROP WATER, FLTRD, 0.7 U GF, REC (UG/L) (82672)
372731094090701		04-03-95	<0.03	<0.01	<0.01	<0.01	<0.06	<0.02	<0.00	<0.02	<0.01	<0.01
STATION	NUMBER	DATE	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FONOFOS WATER, FLTRD, GF 0.7U DIS- REC (UG/L) (04095)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER, FLTRD, 0.7 U GF, REC (UG/L) (82666)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MALA- THION, DIS- SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)
372731094090701		04-03-95	<0.01	<0.01	<0.01	<0.01	<0.04	<0.01	<0.01	<0.02	<0.02	<0.03
STATION	NUMBER	DATE	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD, 0.7 U GF, REC (UG/L) (82671)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NAPROP- AMIDE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82684)	
372731094090701		04-03-95	<0.02	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	
STATION	NUMBER	DATE	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	OCRESOL 4,6- DINITRO WAT FLT 0.7 U GF, REC (UG/L) (49299)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FLTRD, 0.7 U GF, REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
372731094090701		04-03-95	<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	
STATION	NUMBER	DATE	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PHORATE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82664)	PRO- METON, WATER, FLTRD, DIS- REC (UG/L) (04037)	PRON- AMIDE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82676)	PROP- CHLOR, WATER, FLTRD, DIS- REC (UG/L) (04024)	PRO- PANIL WATER, FLTRD, 0.7 U GF, REC (UG/L) (82679)	PRO- PARGITE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82685)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	
372731094090701		04-03-95	<0.03	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	
STATION	NUMBER	DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, FLTRD, DIS- REC (UG/L) (04035)	TEBU- THIURON WATER, FLTRD, 0.7 U GF, REC (UG/L) (82670)	TER- BACIL WATER, FLTRD, 0.7 U GF, REC (UG/L) (82665)	TER- BUFOS WATER, FLTRD, 0.7 U GF, REC (UG/L) (82675)	THIO- BENCARB WATER, FLTRD, 0.7 U GF, REC (UG/L) (82681)	TRIAL- LATE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82678)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	
372731094090701		04-03-95	<0.02	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.07	<0.01	

CEDAR COUNTY, MISSOURI
Meramecian Series

STATION	NUMBER	DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	FLOW RATE, INSTAN- TANEOUS (G/M) (00059)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
373537093541701 spring		05-18-95	1200	80513	80020	945	385	280	7.1	15.0	13.5	7.9
STATION	NUMBER	DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT IT FIELD (MG/L AS CAC03) (00419)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	BROMIDE DIS- SOLVED (MG/L AS BR) (71870)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)
373537093541701		05-18-95	55	1.7	2.2	1.6	125	6.7	5.3	<0.10	<0.010	8.9
STATION	NUMBER	DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHOPHOS- PHATE DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	IRON, DIS- SOLVED (UG/L AS FE) (01046)
373537093541701		05-18-95	163	<0.010	0.860	<0.015	<0.20	0.020	0.020	80	<1	62
STATION	NUMBER	DATE	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	TRITIUM TOTAL (PCI/L) (07000)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	ACETO- CHLOR, WATER, FLTRD, REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, FLTRD, DIS- REC (UG/L) (46342)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)
373537093541701		05-18-95	3	2.0	17	<0.03	<0.03	<0.03	<0.009	<0.03	<0.01	<0.03

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

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CEDAR COUNTY, MISSOURI--CONTINUED
Meramecian Series--continued
WATER-QUALITY DATA

STATION	NUMBER	DATE	ALDICA- RB SUL- FOXIDE, WAT FLT GF 0.7 U REC (UG/L) (49314)	ALDI- CARB SULFONE WAT FLT GF 0.7 U REC (UG/L) (49313)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD, GF 0.7 U REC (UG/L) (49307)	ATRA- ZINE WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA- ZINE WATER, DISS, REC (UG/L) (04040)	BEN- FLUR- ALIN WAT FLT GF 0.7 U REC (UG/L) (82673)	BENTA- ZON WATER, FLTRD, GF 0.7 U REC (UG/L) (38711)	BRO- MACIL WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7 U REC (UG/L) (49311)
373537093541701		05-18-95	<0.03	<0.03	<0.01	<0.02	<0.02	<0.00	<0.01	<0.02	<0.03	<0.03
STATION	NUMBER	DATE	BUTYL- ATE WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER, FLTRD, GF 0.7 U REC (UG/L) (82680)	CAR- BARYL WATER, FLTRD, GF 0.7 U REC (UG/L) (49310)	CARBO- FURAN WATER, FLTRD, GF 0.7 U REC (UG/L) (82674)	CARBO- FURAN WATER, FLTRD, GF 0.7 U REC (UG/L) (49309)	3HYDRXY CARBO- FURAN WAT FLT GF 0.7 U REC (UG/L) (49308)	CHLORO- THALO- NIL WAT FLT GF 0.7 U REC (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED REC (UG/L) (38933)	CLOPYR- ALID WATER, FLTRD, GF 0.7 U REC (UG/L) (49305)	
373537093541701		05-18-95	<0.01	<0.05	<0.02	<0.01	<0.02	<0.03	<0.03	<0.00	<0.07	
STATION	NUMBER	DATE	CYANA- ZINE WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO- ACID WAT FLT GF 0.7 U REC (UG/L) (49304)	DCPA WATER FLTRD GF 0.7 U REC (UG/L) (82682)	P, P' DDE DISSOLV (UG/L) (34653)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7 U REC (UG/L) (38442)	DICHLO- BENIL WATER, FLTRD, GF 0.7 U REC (UG/L) (49303)	DICHLOR PROP WATER, FLTRD, GF 0.7 U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	
373537093541701		05-18-95	<0.01	<0.03	<0.00	<0.01	<0.01	<0.03	<0.02	<0.03	<0.01	
STATION	NUMBER	DATE	2, 6-DI- ETHYL ANILINE WAT FLT GF 0.7 U REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7 U REC (UG/L) (49301)	DISUL- FOTON WATER, FLTRD, GF 0.7 U REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7 U REC (UG/L) (49300)	EPTC WATER FLTRD GF 0.7 U REC (UG/L) (82668)	ESFEN- VAL- ERATE, WAT FLT GF 0.7 U REC (UG/L) (49298)	ETHAL- FLUR- ALIN WAT FLT GF 0.7 U REC (UG/L) (82663)	ETHO- PROP WATER, FLTRD, GF 0.7 U REC (UG/L) (82672)	FEN- URON WATER, FLTRD, GF 0.7 U REC (UG/L) (49297)	
373537093541701		05-18-95	<0.01	<0.03	<0.06	<0.02	<0.00	<0.05	<0.01	<0.01	<0.02	
STATION	NUMBER	DATE	FONOFOS WATER DISS REC (UG/L) (04095)	FLUO- METURON WATER, FLTRD, GF 0.7 U REC (UG/L) (38811)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER FLTRD GF 0.7 U REC (UG/L) (82666)	LINURON WATER, FLTRD, GF 0.7 U REC (UG/L) (38478)	MALA- THION, DIS- SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7 U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7 U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7 U REC (UG/L) (38501)	
373537093541701		05-18-95	<0.01	<0.03	<0.01	<0.04	<0.02	<0.01	<0.07	<0.03	<0.02	
STATION	NUMBER	DATE	METH- OMYL WATER, FLTRD, GF 0.7 U REC (UG/L) (49296)	METHYL AZIN- PHOS WAT FLT GF 0.7 U REC (UG/L) (82686)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	METHYL PARA- THION WAT FLT GF 0.7 U REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD GF 0.7 U REC (UG/L) (82671)	1-NAPH THOL WATER, FLTRD, GF 0.7 U REC (UG/L) (49295)	NAPPROP- AMIDE WATER, FLTRD, GF 0.7 U REC (UG/L) (82684)	
373537093541701		05-18-95	<0.53	<0.04	0.02	<0.03	<0.01	<0.01	<0.01	<0.02	<0.01	
STATION	NUMBER	DATE	NEB- URON WATER, FLTRD, GF 0.7 U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7 U REC (UG/L) (49293)	OCRESOL 4, 6- DINITRO WAT FLT GF 0.7 U REC (UG/L) (49299)	ORY- ZALIN, WATER, FLTRD, GF 0.7 U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7 U REC (UG/L) (38866)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FLTRD GF 0.7 U REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT GF 0.7 U REC (UG/L) (82683)	PER- METHRIN CIS WAT FLT GF 0.7 U REC (UG/L) (82687)	
373537093541701		05-18-95	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	
STATION	NUMBER	DATE	PIC- LORAM, WATER, FLTRD, GF 0.7 U REC (UG/L) (49291)	PHORATE WATER FLTRD GF 0.7 U REC (UG/L) (82664)	PRO- METON WATER, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER FLTRD GF 0.7 U REC (UG/L) (82676)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER FLTRD GF 0.7 U REC (UG/L) (82679)	PRO- PARGITE WATER FLTRD GF 0.7 U REC (UG/L) (82685)	PRO- PHAM WATER, FLTRD, GF 0.7 U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7 U REC (UG/L) (38538)	
373537093541701		05-18-95	<0.07	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.03	<0.03	
STATION	NUMBER	DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU- THIURON WATER FLTRD GF 0.7 U REC (UG/L) (82670)	TER- BACIL WATER FLTRD GF 0.7 U REC (UG/L) (82665)	TER- BUFOS WATER FLTRD GF 0.7 U REC (UG/L) (82675)	THIO- BENCARB WATER FLTRD GF 0.7 U REC (UG/L) (82681)	TRIAL- LATE WATER FLTRD GF 0.7 U REC (UG/L) (82678)	TRI- CLOPYR, WATER, FLTRD, GF 0.7 U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT GF 0.7 U REC (UG/L) (82661)	
373537093541701		05-18-95	<0.03	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.09	<0.01	

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

CHRISTIAN COUNTY, MISSOURI

Osagean Series

WATER-QUALITY DATA

STATION	NUMBER	DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	FLOW RATE, INSTANTANEOUS (G/M) (00059)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD-ARD UNITS) (00400)	TEMPERATURE AIR (DEG C) (00020)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	
365522093121401	spring	06-09-95	1200	80513	80020	1160	9.0	327	7.4	--	13.5	10.1	
370113093162301	spring	06-09-95	0900	80513	80020	1110	1.0	408	7.2	21.0	14.0	7.5	
370302093090401	spring	05-19-95	1000	80513	80020	1195	3.0	326	7.5	15.0	12.5	10.3	
370317093255201	spring	06-08-95	1600	80513	80020	1245	450	519	7.0	23.0	13.0	5.8	
370407093350001	spring	05-09-95	1400	80513	80020	1255	1000	296	7.0	--	13.5	7.7	
STATION	NUMBER	DATE		CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKALINITY TOT WH FIELD (MG/L AS CACO3) (00419)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SiO2) (00955)
365522093121401	06-09-95	63	1.2	3.1	1.2	123	3.2	10	<0.10	0.070	10		
370113093162301	06-09-95	83	1.5	2.6	0.90	179	3.0	5.1	<0.10	0.040	11		
370302093090401	05-19-95	60	2.3	7.0	1.0	148	3.6	8.3	<0.10	0.040	11		
370317093255201	06-08-95	89	1.5	7.7	0.40	198	3.4	23	<0.10	0.030	10		
370407093350001	05-09-95	55	2.8	2.7	1.4	134	2.7	6.1	0.30	0.030	11		
STATION	NUMBER	DATE		SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITROGEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITROGEN, MONIA + ORGANIC DIS-SOLVED (MG/L AS N) (00623)	PHOSPHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUMINUM, DIS-SOLVED (UG/L AS AL) (01106)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	IRON, DIS-SOLVED (UG/L AS FE) (01046)
365522093121401	06-09-95	202	<0.010	2.00	0.020	<0.20	<0.010	0.020	30	<1	11		
370113093162301	06-09-95	249	<0.010	2.60	0.020	<0.20	<0.010	0.020	10	<1	5		
370302093090401	05-19-95	190	<0.010	1.70	<0.015	<0.20	<0.010	<0.010	30	<1	15		
370317093255201	06-08-95	296	<0.010	3.00	0.020	<0.20	<0.010	<0.010	--	<1	6		
370407093350001	05-09-95	178	<0.010	2.30	<0.015	<0.20	0.020	0.020	20	<1	28		
STATION	NUMBER	DATE		MANGANESE, DIS-SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	TRITIUM TOTAL (PCI/L) (07000)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4,5-T DIS-SOLVED (UG/L) (39742)	2,4-DB FLTRD, REC (UG/L) (38746)	ACETOCHLOR, WATER, FLTRD, REC (UG/L) (49260)	ACIFLUORFEN, WATER, FLTRD, REC (UG/L) (49315)	ALACHLOR, WATER, DISS, REC (UG/L) (46342)	ALDICARB, WATER, FLTRD, REC (UG/L) (49312)
365522093121401	06-09-95	<1	0.4	25	<0.05	<0.05	<0.05	<0.05	<0.002	<0.05	<0.00	<0.05	<0.05
370113093162301	06-09-95	<1	0.3	25	--	--	--	--	<0.002	--	<0.00	--	--
370302093090401	05-19-95	<1	0.4	18	<0.03	<0.03	<0.03	<0.03	<0.009	<0.03	<0.01	<0.03	<0.03
370317093255201	06-08-95	5	0.5	19	<0.05	<0.05	<0.05	<0.05	<0.002	<0.05	<0.00	<0.05	<0.05
370407093350001	05-09-95	2	1.0	23	<0.03	<0.03	<0.03	<0.03	<0.009	<0.03	<0.01	<0.03	<0.03
STATION	NUMBER	DATE		ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDICARB SULFONE, WAT,FLT GF 0.7U REC (UG/L) (49313)	ALPHABHC DIS-SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	ATRAZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYLATRAZINE, WATER, DISS, REC (UG/L) (04040)	BENFLURZON, ALIN WAT,FLT GF 0.7U REC (UG/L) (82673)	BENTAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BROMMACIL, WATER, DISS, REC (UG/L) (04029)	BROMOXYNIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49311)
365522093121401	06-09-95	--	--	<0.00	<0.05	<0.00	<0.00	<0.00	<0.00	<0.00	<0.05	<0.05	<0.05
370113093162301	06-09-95	--	--	<0.00	--	E0.00	<0.00	<0.00	<0.00	--	--	--	--
370302093090401	05-19-95	<0.03	<0.03	<0.01	<0.02	<0.02	<0.00	<0.01	<0.02	<0.03	<0.03	<0.03	<0.03
370317093255201	06-08-95	<0.05	<0.05	<0.00	<0.05	<0.00	<0.00	<0.00	<0.00	<0.05	<0.05	<0.05	<0.05
370407093350001	05-09-95	<0.03	<0.03	<0.01	<0.02	E0.00	E0.00	<0.01	<0.02	<0.03	<0.03	<0.03	<0.03
STATION	NUMBER	DATE		BUTYLATE, WATER, DISS, REC (UG/L) (04028)	CARBARYL, WATER, FLTRD GF 0.7U GF, REC (UG/L) (82680)	CARBARYL, WATER, FLTRD GF 0.7U REC (UG/L) (49310)	CARBOFURAN, WATER, FLTRD GF 0.7U GF, REC (UG/L) (82674)	CARBOFURAN, WATER, FLTRD GF 0.7U REC (UG/L) (49309)	3HYDRXYCARBOFURAN, WAT,FLT GF 0.7U REC (UG/L) (49308)	CHLOROTHALONIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	CHLORPYRIFOS DIS-SOLVED (UG/L) (38933)	CLOPYRALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	
365522093121401	06-09-95	<0.00	<0.00	<0.05	<0.00	<0.05	<0.05	<0.05	<0.05	<0.05	<0.00	<0.05	
370113093162301	06-09-95	<0.00	<0.00	--	<0.00	--	<0.00	--	--	--	<0.00	--	
370302093090401	05-19-95	<0.01	<0.05	<0.02	<0.01	<0.02	<0.01	<0.02	<0.03	<0.03	<0.00	<0.07	
370317093255201	06-08-95	<0.00	<0.00	<0.05	<0.00	<0.05	<0.00	<0.05	<0.05	<0.05	<0.00	<0.05	
370407093350001	05-09-95	<0.01	<0.05	<0.02	<0.01	<0.02	<0.01	<0.02	<0.03	<0.03	<0.00	<0.07	
STATION	NUMBER	DATE		CYANAZINE, WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER, FLTRD GF 0.7U GF, REC (UG/L) (82682)	P,P'DDE DISSOLV (UG/L) (34653)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBAA, WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOROBENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DICHLORPROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	
365522093121401	06-09-95	<0.00	<0.05	<0.00	<0.01	<0.00	<0.00	<0.05	<0.05	<0.05	<0.05	<0.00	
370113093162301	06-09-95	<0.00	--	<0.00	<0.01	<0.00	<0.01	<0.00	--	--	--	<0.00	
370302093090401	05-19-95	<0.01	<0.03	<0.00	<0.01	<0.01	<0.01	<0.01	<0.03	<0.02	<0.03	<0.01	
370317093255201	06-08-95	<0.00	<0.05	<0.00	<0.01	<0.00	<0.01	<0.00	<0.05	<0.05	<0.05	<0.00	
370407093350001	05-09-95	<0.01	<0.03	<0.00	<0.01	<0.00	<0.01	<0.01	<0.03	<0.02	<0.03	<0.01	

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

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CHRISTIAN COUNTY, MISSOURI--CONTINUED
Osagean Series--continued
WATER-QUALITY DATA

STATION	NUMBER	DATE	2,6-DI-ETHYL ANILINE, WAT FLT (UG/L) (82660)	DINOSEB, FLTRD, GF 0.7 U REC (UG/L) (49301)	DISULFOTON, WATER, FLTRD, GF 0.7 U REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7 U REC (UG/L) (49300)	EPTC, WATER, FLTRD, GF 0.7 U REC (UG/L) (82668)	ESFEN-VAL-ERATE, WAT FLT (UG/L) (49298)	ETHAL-FLUR-ALIN, WAT FLT (UG/L) (82663)	ETHO-PROP, WATER, FLTRD, GF 0.7 U REC (UG/L) (82672)	FEN-URON, WATER, FLTRD, GF 0.7 U REC (UG/L) (49297)
365522093121401	06-09-95		<0.00	<0.05	<0.02	<0.05	<0.00	<0.05	<0.00	<0.00	<0.05
370113093162301	06-09-95		<0.00	--	<0.02	--	<0.00	--	<0.00	<0.00	--
370302093090401	05-19-95		<0.01	<0.03	<0.06	<0.02	<0.00	<0.05	<0.01	<0.01	<0.02
370317093255201	06-08-95		<0.00	<0.05	<0.02	<0.05	<0.00	<0.05	<0.00	<0.00	<0.05
370407093350001	05-09-95		<0.01	<0.03	<0.06	<0.02	<0.00	<0.05	<0.01	<0.01	<0.02

STATION	NUMBER	DATE	FONOFOS, WATER, DISS, REC (UG/L) (04095)	FLUO-METURON, WATER, FLTRD, GF 0.7 U REC (UG/L) (38811)	LINDANE, DIS-SOLVED, GF REC (UG/L) (39341)	LINURON, WATER, FLTRD, GF 0.7 U REC (UG/L) (82666)	LINURON, MALA-THION, DIS-SOLVED, GF REC (UG/L) (38478)	MCPA, WATER, FLTRD, GF 0.7 U REC (UG/L) (39532)	MCPB, WATER, FLTRD, GF 0.7 U REC (UG/L) (38482)	METHIO-CARB, WATER, FLTRD, GF 0.7 U REC (UG/L) (38487)	METHIO-CARB, WATER, FLTRD, GF 0.7 U REC (UG/L) (38501)
365522093121401	06-09-95		<0.00	<0.05	<0.00	<0.00	<0.05	<0.00	<0.05	<0.05	<0.05
370113093162301	06-09-95		<0.00	--	<0.00	<0.00	--	<0.00	--	--	--
370302093090401	05-19-95		<0.01	<0.03	<0.01	<0.04	<0.02	<0.01	<0.07	<0.03	<0.02
370317093255201	06-08-95		<0.00	<0.05	<0.00	<0.00	<0.05	<0.00	<0.05	<0.05	<0.05
370407093350001	05-09-95		<0.01	<0.03	<0.01	<0.04	<0.02	<0.01	<0.07	<0.03	<0.02

STATION	NUMBER	DATE	METH-OMYL, WATER, FLTRD, GF 0.7 U REC (UG/L) (49296)	METHYL-AZIN-PHOS, WAT FLT (UG/L) (82686)	METHY-LENE, BLUE, ACTIVE SUB-STANCE, (MG/L) (38260)	METHYL-PARA-THION, WAT FLT (UG/L) (82667)	METO-LACHLOR, WATER, DISSOLV, (UG/L) (39415)	METRI-BUZIN, SENCOR, WATER, DISSOLV, (UG/L) (82630)	MOL-INATE, WATER, FLTRD, GF 0.7 U REC (UG/L) (82671)	1-NAPH-THOL, WATER, FLTRD, GF 0.7 U REC (UG/L) (49295)	NAPROP-AMIDE, WATER, FLTRD, GF 0.7 U REC (UG/L) (82684)
365522093121401	06-09-95		--	<0.00	0.04	<0.01	<0.00	<0.00	<0.00	<0.05	<0.00
370113093162301	06-09-95		--	<0.00	<0.02	<0.01	<0.00	<0.00	<0.00	--	<0.00
370302093090401	05-19-95		<0.53	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.02	<0.01
370317093255201	06-08-95		<0.05	<0.00	<0.02	<0.01	0.02	<0.00	<0.00	<0.05	<0.00
370407093350001	05-09-95		<0.53	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.02	<0.01

STATION	NUMBER	DATE	NEB-URON, WATER, FLTRD, GF 0.7 U REC (UG/L) (49294)	NORFLUR-AZON, WATER, FLTRD, GF 0.7 U REC (UG/L) (49293)	OCRESOL 4,6-DINITRO, WAT FLT (UG/L) (49299)	ORY-ZALIN, WATER, FLTRD, GF 0.7 U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7 U REC (UG/L) (38866)	PARA-THION, DIS-SOLVED, (UG/L) (39542)	PEB-ULATE, WATER, FLTRD, GF 0.7 U REC (UG/L) (82669)	PENDI-METH-ALIN, WAT FLT (UG/L) (82683)	PER-METHRIN, CIS, WAT FLT (UG/L) (82687)
365522093121401	06-09-95		<0.05	<0.05	<0.05	<0.05	--	<0.00	<0.00	<0.00	<0.00
370113093162301	06-09-95		--	--	--	--	--	<0.00	<0.00	<0.00	<0.00
370302093090401	05-19-95		<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02
370317093255201	06-08-95		<0.05	<0.05	<0.05	<0.05	<0.05	<0.00	<0.00	<0.00	<0.00
370407093350001	05-09-95		<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02

STATION	NUMBER	DATE	PIC-LORAM, WATER, FLTRD, GF 0.7 U REC (UG/L) (49291)	PHORATE, WATER, FLTRD, GF 0.7 U REC (UG/L) (82664)	PRO-METON, WATER, DISS, REC, (UG/L) (04037)	PRON-AMIDE, WATER, FLTRD, GF 0.7 U REC (UG/L) (82676)	PROP-CHLOR, WATER, DISS, REC, (UG/L) (04024)	PRO-PANIL, WATER, FLTRD, GF 0.7 U REC (UG/L) (82679)	PRO-PARGITE, WATER, FLTRD, GF 0.7 U REC (UG/L) (82685)	PRO-PHAM, WATER, FLTRD, GF 0.7 U REC (UG/L) (49236)	PRO-POXUR, WATER, FLTRD, GF 0.7 U REC (UG/L) (38538)
365522093121401	06-09-95		<0.05	<0.00	E0.01	<0.00	<0.01	<0.00	<0.01	<0.05	<0.05
370113093162301	06-09-95		--	<0.00	E0.01	<0.00	<0.01	<0.00	<0.01	--	--
370302093090401	05-19-95		<0.07	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.03	<0.03
370317093255201	06-08-95		<0.05	<0.00	<0.02	<0.00	<0.01	<0.00	<0.01	<0.05	<0.05
370407093350001	05-09-95		<0.07	<0.01	E0.01	<0.01	<0.02	<0.02	<0.01	<0.03	<0.03

STATION	NUMBER	DATE	SILVEX, DIS-SOLVED, REC (UG/L) (39762)	SI-MAZINE, WATER, DISS, REC, (UG/L) (04035)	TEBU-THIURON, WATER, FLTRD, GF 0.7 U REC (UG/L) (82670)	TER-BACIL, WATER, FLTRD, GF 0.7 U REC (UG/L) (82665)	TER-BUFOS, WATER, FLTRD, GF 0.7 U REC (UG/L) (82675)	THIO-BENCARB, WATER, FLTRD, GF 0.7 U REC (UG/L) (82681)	TRIAL-LATE, WATER, FLTRD, GF 0.7 U REC (UG/L) (82678)	TRI-CLOPYR, WATER, FLTRD, GF 0.7 U REC (UG/L) (49235)	TRI-FLUR-ALIN, WAT FLT (UG/L) (82661)
365522093121401	06-09-95		<0.05	<0.00	E0.00	<0.01	<0.01	<0.00	<0.00	<0.05	<0.00
370113093162301	06-09-95		--	<0.00	<0.01	<0.01	<0.01	<0.00	<0.00	--	<0.00
370302093090401	05-19-95		<0.03	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.09	<0.01
370317093255201	06-08-95		<0.05	0.02	0.06	<0.01	<0.01	<0.00	<0.00	<0.05	<0.00
370407093350001	05-09-95		<0.03	E0.01	E0.00	<0.03	<0.01	<0.01	<0.01	<0.09	<0.01

DADE COUNTY, MISSOURI
Ordovician System

STATION	NUMBER	DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER)	DEPTH OF WELL, TOTAL (FEET)	DEPTH TO BOT-TOM OF SAMPLE INTER-VAL (FT)	ELEV. OF LAND SURFACE DATUM (FT ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD)
371809093590001	04-04-95	1430		80513	80020	275.00	275	1152	67	5.0	321	7.7
371954093553501	04-04-95	1230		80513	80020	200.00	200	1147	61	6.0	269	7.9

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

DADE COUNTY, MISSOURI--CONTINUED
Ordovician System--continued

WATER-QUALITY DATA

STATION	NUMBER	DATE	TEMPER- ATURE (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	CALCIUM DIS- SOLVED (MG/L) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) (00925)	SODIUM, DIS- SOLVED (MG/L) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L) (00935)	ALKA- LITY WAT WH TOT IT FIELD (MG/L AS CACO3) (00419)	SULFATE DIS- SOLVED (MG/L) AS SO4 (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL (00940)	FLUO- RIDE, DIS- SOLVED (MG/L) AS F (00950)
371809093590001	04-04-95		16.0	0.1	36	16	2.4	2.7	158	11	1.8	0.50
371954093553501	04-04-95		16.5	0.1	29	14	1.9	1.4	123	8.5	1.4	0.10
STATION	NUMBER	DATE	BROMIDE DIS- SOLVED (MG/L) AS BR (71870)	SILICA, DIS- SOLVED (MG/L) AS SIO2 (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L) AS N (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L) AS N (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L) AS N (00608)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L) AS N (00623)	PHOS- PHORUS DIS- SOLVED (MG/L) AS P (00666)	PHOS- PHORUS ORTHOPHOS- PHATE DIS- SOLVED (MG/L) AS P (00671)	ALUM- INUM, DIS- SOLVED (UG/L) AS AL (01106)
371809093590001	04-04-95		0.030	8.4	166	0.020	<0.050	0.040	<0.20	<0.010	<0.010	<10
371954093553501	04-04-95		0.020	9.2	141	0.020	<0.050	<0.015	<0.20	<0.010	<0.010	30
STATION	NUMBER	DATE	ARSENIC DIS- SOLVED (UG/L) AS AS (01000)	IRON, DIS- SOLVED (UG/L) AS FE (01046)	MANGA- NESE, DIS- SOLVED (UG/L) AS MN (01056)	CARBON ORGANIC DIS- SOLVED (MG/L) AS C (00681)	TRITIUM TOTAL (PCI/L) (07000)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, GF 0.7 U REC (UG/L) (38746)	ACETO- CHLOR, WATER, FLTRD, GF 0.7 U REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7 U REC (UG/L) (49315)
371809093590001	04-04-95		<1	<3	1	0.2	<2.5	<0.06	<0.01	<0.02	<0.009	<0.01
371954093553501	04-04-95		<1	15	<1	0.1	<2.5	<0.06	<0.01	<0.02	<0.009	<0.01
STATION	NUMBER	DATE	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ALDI- CARB, WATER, FLTRD, GF 0.7 U REC (UG/L) (49312)	ALDICA- RB SUL- FOXIDE, WAT, FLT GF 0.7 U REC (UG/L) (49314)	ALDI- CARB SULFONE WAT, FLT GF 0.7 U REC (UG/L) (49313)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD, GF 0.7 U REC (UG/L) (49307)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	BEN- FLUR- ALIN WAT, FLT GF 0.7 U REC (UG/L) (82673)	BENTA- ZON, WATER, FLTRD, GF 0.7 U REC (UG/L) (38711)
371809093590001	04-04-95		<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.02	<0.00	<0.01	<0.02
371954093553501	04-04-95		<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.02	<0.00	<0.01	<0.02
STATION	NUMBER	DATE	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7 U REC (UG/L) (49311)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER, FLTRD, GF 0.7 U REC (UG/L) (82680)	CAR- BARYL, WATER, FLTRD, GF 0.7 U REC (UG/L) (49310)	CARBO- FURAN WATER, FLTRD, GF 0.7 U REC (UG/L) (82674)	CARBO- FURAN WATER, FLTRD, GF 0.7 U REC (UG/L) (49309)	3HYDRXY CARBO- FURAN WAT, FLT GF 0.7 U REC (UG/L) (49308)	CHLORO- THALO- NIL, WAT, FLT GF 0.7 U REC (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)
371809093590001	04-04-95		<0.01	<0.02	<0.01	<0.05	<0.01	<0.01	<0.03	<0.01	<0.01	<0.00
371954093553501	04-04-95		<0.01	<0.02	<0.01	<0.05	<0.01	<0.01	<0.03	<0.01	<0.01	<0.00
STATION	NUMBER	DATE	CLOPYR- ALID, WATER, FLTRD, GF 0.7 U REC (UG/L) (49305)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO- ACID, WAT, FLT GF 0.7 U REC (UG/L) (49304)	DCPA WATER, FLTRD, GF 0.7 U REC (UG/L) (82682)	P, P' DDE DISSOLV (UG/L) (34653)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7 U REC (UG/L) (38442)	DICHLOR- BENIL, WATER, FLTRD, GF 0.7 U REC (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD, GF 0.7 U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
371809093590001	04-04-95		<0.06	<0.01	<0.02	<0.00	<0.01	<0.01	<0.02	<0.02	<0.03	<0.01
371954093553501	04-04-95		<0.06	<0.01	<0.02	<0.00	<0.01	<0.01	<0.02	<0.02	<0.03	<0.01
STATION	NUMBER	DATE	2,6-DI- ETHYL ANILINE WAT FLT GF 0.7 U REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7 U REC (UG/L) (49301)	DISUL- FOTON WATER, FLTRD, GF 0.7 U REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7 U REC (UG/L) (49300)	EPTC WATER, FLTRD, GF 0.7 U REC (UG/L) (82668)	ESFEN- VAL- ERATE, WAT, FLT GF 0.7 U REC (UG/L) (49298)	ETHAL- FLUR- ALIN WAT, FLT GF 0.7 U REC (UG/L) (82663)	ETHO- PROP WATER, FLTRD, GF 0.7 U REC (UG/L) (82672)	FEN- URON, WATER, FLTRD, GF 0.7 U REC (UG/L) (49297)	
371809093590001	04-04-95		<0.01	<0.01	<0.06	<0.02	<0.00	<0.02	<0.01	<0.01	<0.01	<0.01
371954093553501	04-04-95		<0.01	<0.01	<0.06	<0.02	<0.00	<0.02	<0.01	<0.01	<0.01	<0.01
STATION	NUMBER	DATE	FONOFOS WATER, DISS, REC (UG/L) (04095)	FLUO- METURON WATER, FLTRD, GF 0.7 U REC (UG/L) (38811)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER, FLTRD, GF 0.7 U REC (UG/L) (82666)	LINURON WATER, FLTRD, GF 0.7 U REC (UG/L) (38478)	MALA- THION, DIS- SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7 U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7 U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7 U REC (UG/L) (38501)	
371809093590001	04-04-95		<0.01	<0.01	<0.01	<0.04	<0.01	<0.01	<0.02	<0.02	<0.03	
371954093553501	04-04-95		<0.01	<0.01	<0.01	<0.04	<0.01	<0.01	<0.02	<0.02	<0.03	
STATION	NUMBER	DATE	METH- OMYL, WATER, FLTRD, GF 0.7 U REC (UG/L) (49296)	METHYL AZIN- PHOS WAT FLT GF 0.7 U REC (UG/L) (82686)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	METHYL PARA- THION WAT FLT GF 0.7 U REC (UG/L) (82667)	METO- LACHLOR WATER, DISSOLV (UG/L) (39415)	METRI- BUZIN WATER, DISSOLV (UG/L) (82630)	MOL- INATE WATER, FLTRD, GF 0.7 U REC (UG/L) (82671)	1-NAPH THOL, WATER, FLTRD, GF 0.7 U REC (UG/L) (49295)	NAPROP- AMIDE WATER, FLTRD, GF 0.7 U REC (UG/L) (82684)	
371809093590001	04-04-95		<0.02	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
371954093553501	04-04-95		<0.02	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

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DADE COUNTY, MISSOURI--CONTINUED
Ordovician System--continued
WATER-QUALITY DATA

STATION	NUMBER	DATE	NEB- URON, WATER, FLTRD, GF 0.7 U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7 U REC (UG/L) (49293)	OCRESOL 4, 6- DINITRO WAT, FLT GF 0.7 U REC (UG/L) (49299)	ORY- ZALIN, WATER, FLTRD, GF 0.7 U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7 U REC (UG/L) (38866)	PARA- THION, DI-- SOLVED (UG/L) (39542)	PEB- ULATE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82669)	PENDI- METH- ALIN WAT, FLT 0.7 U GF, REC (UG/L) (82683)	PER- METHRIN CIS WAT, FLT 0.7 U GF, REC (UG/L) (82687)
371809093590001	04-04-95		<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02
371954093553501	04-04-95		<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02

STATION	NUMBER	DATE	PIC- LORAM, WATER, FLTRD, GF 0.7 U REC (UG/L) (49291)	PHORATE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82664)	PRO- METON, WATER, FLTRD, DISS, 0.7 U REC (UG/L) (04037)	PRON- AMIDE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82676)	PROP- CHLOR, WATER, FLTRD, DISS, 0.7 U REC (UG/L) (04024)	PRO- PANIL WATER, FLTRD, 0.7 U GF, REC (UG/L) (82679)	PRO- PARGITE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82685)	PRO- PHAM, WATER, FLTRD, 0.7 U GF, REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, 0.7 U GF, REC (UG/L) (38538)
371809093590001	04-04-95		<0.03	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01
371954093553501	04-04-95		<0.03	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01

STATION	NUMBER	DATE	SILVEX, DISS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, FLTRD, DISS, 0.7 U REC (UG/L) (04035)	TEBU- THIURON WATER, FLTRD, 0.7 U GF, REC (UG/L) (82670)	TER- BACIL WATER, FLTRD, 0.7 U GF, REC (UG/L) (82665)	TER- BUFOS WATER, FLTRD, 0.7 U GF, REC (UG/L) (82675)	THIO- BENCARB WATER, FLTRD, 0.7 U GF, REC (UG/L) (82681)	TRIAL- LATE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82678)	TRI- CLOPYR, WATER, FLTRD, 0.7 U GF, REC (UG/L) (49235)	TRI- FLUR- ALIN WAT, FLT 0.7 U GF, REC (UG/L) (82661)
371809093590001	04-04-95		<0.02	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.07	<0.01
371954093553501	04-04-95		<0.02	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.07	<0.01

Osagean Series

STATION	NUMBER	DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH OF WELL, TOTAL (FEET) (72008)	DEPTH TO BOT- TOM OF SAMPLE INTER- VAL (FT) (72016)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN) (72004)	FLOW RATE, INSTAN- TANEOUS (G/M) (00059)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)
371946093493001	04-06-95		1330	80513	80020	spring	--	1002	--	150	418	7.5
372354093545501	04-04-95		0930	80513	80020	156.00	156	1044	70	3.0	622	7.0
372429093410001	04-05-95		1230	80513	80020	99.00	99	1012	51	5.0	469	7.3
372810093424001	04-05-95		1530	80513	80020	180.00	180	1015	60	5.0	396	7.4
373339093430501	04-05-95		1000	80513	80020	spring	--	908	--	450	543	7.2

STATION	NUMBER	DATE	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT IT FIELD CACO3 (00419)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
371946093493001	04-06-95		--	13.5	9.8	77	2.1	2.2	0.50	163	9.3	7.8
372354093545501	04-04-95		--	14.5	1.7	120	4.2	6.4	2.8	280	36	8.3
372429093410001	04-05-95		--	15.0	3.8	61	21	5.1	3.1	260	10	2.5
372810093424001	04-05-95		--	15.5	1.3	45	21	2.7	1.2	206	15	2.8
373339093430501	04-05-95		14.0	12.5	9.6	74	22	5.2	0.80	247	12	11

STATION	NUMBER	DATE	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	BROMIDE DIS- SOLVED (MG/L AS BR) (71870)	SILICA, DIS- SOLVED (MG/L AS SI) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L AS MN) (70300)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHOR- THO, DIS- SOLVED (MG/L AS P) (00671)
371946093493001	04-06-95		<0.10	0.040	8.0	246	0.010	3.70	<0.015	<0.20	0.010	<0.010
372354093545501	04-04-95		<0.10	0.060	11	371	0.020	0.520	<0.015	<0.20	<0.010	<0.010
372429093410001	04-05-95		<0.10	0.050	8.9	248	0.020	0.840	<0.015	<0.20	0.010	<0.010
372810093424001	04-05-95		0.20	0.030	8.5	206	0.020	0.210	<0.015	<0.20	<0.010	<0.010
373339093430501	04-05-95		<0.10	0.080	11	295	0.020	1.50	<0.015	<0.20	<0.010	<0.010

STATION	NUMBER	DATE	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	TRITIUM TOTAL (PCI/L) (07000)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, GF 0.7 U REC (UG/L) (38746)	ACETO- CHLOR, WATER, FLTRD, REC (UG/L) (49260)
371946093493001	04-06-95		<10	<1	<3	<1	0.3	22	<0.06	<0.01	<0.02	<0.009
372354093545501	04-04-95		10	<1	6	1	0.6	18	<0.06	<0.01	<0.02	<0.009
372429093410001	04-05-95		10	<1	<3	4	0.3	8.6	<0.06	<0.01	<0.02	<0.009
372810093424001	04-05-95		<10	<1	5	<1	0.1	12	<0.06	<0.01	<0.02	<0.009
373339093430501	04-05-95		10	<1	11	<1	0.4	32	<0.06	<0.01	<0.02	<0.009

STATION	NUMBER	DATE	ACIFL- UORFEN WATER, FLTRD, GF 0.7 U REC (UG/L) (49315)	ALA- CHLOR, WATER, FLTRD, DISS, 0.7 U REC (UG/L) (46342)	ALDI- CARB, WATER, FLTRD, GF 0.7 U REC (UG/L) (49312)	ALDICA- RB SUL- FOXIDE, WAT, FLT GF 0.7 U REC (UG/L) (49314)	ALDI- CARB SULFONE WAT, FLT GF 0.7 U REC (UG/L) (49313)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD, GF 0.7 U REC (UG/L) (49307)	ATRA- ZINE, WATER, FLTRD, DISS, 0.7 U REC (UG/L) (39632)	DEETHYL ATRA- ZINE, WATER, FLTRD, DISS, 0.7 U REC (UG/L) (04040)	BEN- FLUR- ALIN WAT, FLT 0.7 U GF, REC (UG/L) (82673)
371946093493001	04-06-95		<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.02	<0.00	<0.01
372354093545501	04-04-95		<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.02	<0.00	<0.01
372429093410001	04-05-95		<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.02	<0.00	<0.01
372810093424001	04-05-95		<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.02	<0.00	<0.01
373339093430501	04-05-95		<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.02	<0.00	<0.01

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

DADE COUNTY, MISSOURI--CONTINUED

Osagean Series--continued

WATER-QUALITY DATA

STATION	NUMBER	DATE	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER, FLTRD, GF, REC (UG/L) (82680)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN, WATER, FLTRD, GF, REC (UG/L) (82674)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	3HYDRXY CARBO- FURAN, WAT, FLT GF 0.7U REC (UG/L) (49308)	CHLORO- THALO- NIL, WAT, FLT GF 0.7U REC (UG/L) (49306)
371946093493001	04-06-95		<0.02	<0.01	<0.02	<0.01	<0.05	<0.01	<0.01	<0.03	<0.01	<0.01
372354093545501	04-04-95		<0.02	<0.01	<0.02	<0.01	<0.05	<0.01	<0.01	<0.03	<0.01	<0.01
372429093410001	04-05-95		<0.02	<0.01	<0.02	<0.01	<0.05	<0.01	<0.01	<0.03	<0.01	<0.01
372810093424001	04-05-95		<0.02	<0.01	<0.02	<0.01	<0.05	<0.01	<0.01	<0.03	<0.01	<0.01
373339093430501	04-05-95		<0.02	<0.01	<0.02	<0.01	<0.05	<0.01	<0.01	<0.03	<0.01	<0.01

STATION	NUMBER	DATE	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DACTHAL ACID, WAT, FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER, FLTRD, GF, REC (UG/L) (82682)	P, P' DDE DISSOLV (UG/L) (34653)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR- BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)
371946093493001	04-06-95		<0.00	<0.06	<0.01	<0.02	<0.00	<0.01	<0.01	<0.02	<0.02	<0.03
372354093545501	04-04-95		<0.00	<0.06	<0.01	<0.02	<0.00	<0.01	<0.01	<0.02	<0.02	<0.03
372429093410001	04-05-95		<0.00	<0.06	<0.01	<0.02	<0.00	<0.01	<0.01	<0.02	<0.02	<0.03
372810093424001	04-05-95		<0.00	<0.06	<0.01	<0.02	<0.00	<0.01	<0.01	<0.02	<0.02	<0.03
373339093430501	04-05-95		<0.00	<0.06	<0.01	<0.02	<0.00	<0.01	<0.01	<0.02	<0.02	<0.03

STATION	NUMBER	DATE	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	2,6-DI- ETHYL ANILINE WAT FLT GF 0.7U REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DISUL- FOTON WATER, FLTRD, GF 0.7U REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	EPTC WATER, FLTRD, GF 0.7U REC (UG/L) (82668)	ESFEN- VAL- ERATE, WAT, FLT GF 0.7U REC (UG/L) (49298)	ETHAL- FLUR- ALIN WAT FLT GF 0.7U REC (UG/L) (82663)	ETHOP- PROP WATER, FLTRD, GF 0.7U REC (UG/L) (82672)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)
371946093493001	04-06-95		<0.01	<0.01	<0.01	<0.06	<0.02	<0.00	<0.02	<0.01	<0.01	<0.01
372354093545501	04-04-95		<0.01	<0.01	<0.01	<0.06	<0.02	<0.00	<0.02	<0.01	<0.01	<0.01
372429093410001	04-05-95		<0.01	<0.01	<0.01	<0.06	<0.02	<0.00	<0.02	<0.01	<0.01	<0.01
372810093424001	04-05-95		<0.01	<0.01	<0.01	<0.06	<0.02	<0.00	<0.02	<0.01	<0.01	<0.01
373339093430501	04-05-95		<0.01	<0.01	<0.01	<0.06	<0.02	<0.00	<0.02	<0.01	<0.01	<0.01

STATION	NUMBER	DATE	FONOFOS WATER, FLTRD, DISS REC (UG/L) (04095)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER, FLTRD, GF 0.7U REC (UG/L) (82666)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MALA- THION, DIS- SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)
371946093493001	04-06-95		<0.01	<0.01	<0.01	<0.04	<0.01	<0.01	<0.02	<0.02	<0.03
372354093545501	04-04-95		<0.01	<0.01	<0.01	<0.04	<0.01	<0.01	<0.02	<0.02	<0.03
372429093410001	04-05-95		<0.01	<0.01	<0.01	<0.04	<0.01	<0.01	<0.02	<0.02	<0.03
372810093424001	04-05-95		<0.01	<0.01	<0.01	<0.04	<0.01	<0.01	<0.02	<0.02	<0.03
373339093430501	04-05-95		<0.01	<0.01	<0.01	<0.04	<0.01	<0.01	<0.02	<0.02	<0.03

STATION	NUMBER	DATE	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN- PHOS WAT FLT GF 0.7U REC (UG/L) (82686)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	METHYL PARA- THION WAT FLT GF 0.7U REC (UG/L) (82667)	METO- LACHLOR WATER, DISSOLV (UG/L) (39415)	METRI- BUZIN SENCOR WATER, DISSOLV (UG/L) (82630)	MOL- INATE WATER, FLTRD, GF 0.7U REC (UG/L) (82671)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NAPPROP- AMIDE WATER, FLTRD, GF 0.7U REC (UG/L) (82684)
371946093493001	04-06-95		<0.02	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01
372354093545501	04-04-95		<0.02	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01
372429093410001	04-05-95		<0.02	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01
372810093424001	04-05-95		<0.02	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01
373339093430501	04-05-95		<0.02	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01

STATION	NUMBER	DATE	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	OCRESOL 4,6- DINITRO WAT, FLT GF 0.7U REC (UG/L) (49299)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER, FLTRD, GF 0.7U REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT GF 0.7U REC (UG/L) (82683)	PER- METHIN CIS WAT FLT GF 0.7U REC (UG/L) (82687)
371946093493001	04-06-95		<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02
372354093545501	04-04-95		<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02
372429093410001	04-05-95		<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02
372810093424001	04-05-95		<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02
373339093430501	04-05-95		<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02

STATION	NUMBER	DATE	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PHORATE WATER, FLTRD, GF 0.7U REC (UG/L) (82664)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER, FLTRD, GF 0.7U REC (UG/L) (82676)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER, FLTRD, GF 0.7U REC (UG/L) (82679)	PRO- PARGITE WATER, FLTRD, GF 0.7U REC (UG/L) (82685)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO- POKUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)
371946093493001	04-06-95		<0.03	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01
372354093545501	04-04-95		<0.03	<0.01	0.88	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01
372429093410001	04-05-95		<0.03	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01
372810093424001	04-05-95		<0.03	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01
373339093430501	04-05-95		<0.03	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

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DADE COUNTY, MISSOURI--CONTINUED

Osagean Series--continued

WATER-QUALITY DATA

STATION	NUMBER	DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU- THIURON WATER, FLTRD 0.7 U (UG/L) (82670)	TER- BACIL WATER, FLTRD 0.7 U (UG/L) (82665)	TER- BUFOS WATER, FLTRD 0.7 U (UG/L) (82675)	THIO- BENCARB WATER, FLTRD 0.7 U (UG/L) (82681)	TRIAL- LATE WATER, FLTRD 0.7 U (UG/L) (82678)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U (UG/L) (82661)
371946093493001		04-06-95	<0.02	<0.01	E0.01	<0.03	<0.01	<0.01	<0.01	<0.07	<0.01
372354093545501		04-04-95	<0.02	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.07	<0.01
372429093410001		04-05-95	<0.02	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.07	<0.01
372810093424001		04-05-95	<0.02	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.07	<0.01
373339093430501		04-05-95	<0.02	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.07	<0.01

GREENE COUNTY, MISSOURI

Ordovician System

STATION	NUMBER	DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH OF WELL, TOTAL (FEET) (72008)	DEPTH TO BOT- TOM OF SAMPLE INTER- VAL (FT) (72016)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PUMP OR FLOW PRIOR TO SAM- PLING (MIN) (72004)	FLOW RATE, INSTAN- TANEOUS (G/M) (00059)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)
372245093342001		04-06-95	1100	80513	80020	250.00	250	1082	60	5.0	656	7.4
STATION	NUMBER	DATE	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	CALCIUM DIS- SOLVED (MG/L) AS CA (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MG (00925)	SODIUM, DIS- SOLVED (MG/L) AS NA (00930)	POTAS- SIUM, DIS- SOLVED (MG/L) AS K (00935)	ALKA- LITY WAT WH TOT IT FIELD MG/L AS CAC03 (00419)	SULFATE DIS- SOLVED (MG/L) AS SO4 (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL (00940)	FLUO- RIDE, DIS- SOLVED (MG/L) AS F (00950)
372245093342001		04-06-95	14.0	0.1	63	30	4.0	1.6	281	13	6.4	0.10
STATION	NUMBER	DATE	BROMIDE DIS- SOLVED (MG/L) AS BR (71870)	SILICA, DIS- SOLVED (MG/L) AS SIO2 (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) AS (70300)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L) AS N (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L) AS N (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L) AS N (00608)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L) AS N (00623)	PHOS- PHORUS DIS- SOLVED (MG/L) AS P (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L) AS P (00671)	ALUM- INUM, DIS- SOLVED (UG/L) AS AL (01106)
372245093342001		04-06-95	0.060	8.1	294	0.010	<0.050	0.040	<0.20	0.020	<0.010	<10
STATION	NUMBER	DATE	ARSENIC DIS- SOLVED (UG/L) AS AS (01000)	IRON, DIS- SOLVED (UG/L) AS FE (01046)	MANGA- NESE, DIS- SOLVED (UG/L) AS MN (01056)	CARBON, ORGANIC DIS- SOLVED (MG/L) AS C (00681)	TRITIUM TOTAL (PCI/L) (07000)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	ACETO- CHLOR, WATER, FLTRD REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)
372245093342001		04-06-95	<1	680	8	0.4	6.7	<0.06	<0.01	<0.02	<0.009	<0.01
STATION	NUMBER	DATE	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ALDI- CARB WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	BEN- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82673)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)
372245093342001		04-06-95	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.02	<0.00	<0.01	<0.02
STATION	NUMBER	DATE	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER, FLTRD, 0.7 U GF, REC (UG/L) (82680)	CAR- BARYL, WATER, FLTRD, 0.7 U GF, REC (UG/L) (49310)	CARBO- FURAN WATER, FLTRD, 0.7 U GF, REC (UG/L) (82674)	CARBO- FURAN WATER, FLTRD, 0.7 U GF, REC (UG/L) (49309)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)
372245093342001		04-06-95	<0.01	<0.02	<0.01	<0.05	<0.01	<0.01	<0.03	<0.01	<0.01	<0.00
STATION	NUMBER	DATE	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA- ZINE WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	P, P' DDE DISSOLV (UG/L) (34653)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR- BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
372245093342001		04-06-95	<0.06	<0.01	<0.02	<0.00	<0.01	<0.01	<0.02	<0.02	<0.03	<0.01
STATION	NUMBER	DATE	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, 0.7 U GF, REC (UG/L) (49300)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ESFEN- VAL- ERATE, WAT,FLT 0.7 U GF, REC (UG/L) (49298)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	
372245093342001		04-06-95	<0.01	<0.01	<0.06	<0.02	<0.00	<0.02	<0.01	<0.01	<0.01	

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

 GREENE COUNTY, MISSOURI--CONTINUED
 Ordovician System--continued
 WATER-QUALITY DATA

STATION	NUMBER	DATE	FONOFOS WATER DISS REC (UG/L) (04095)	FLUO- METURON FLTRD, GF 0.7U REC (UG/L) (38811)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER, FLTRD, 0.7 U GF, REC (UG/L) (82666)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MALA- THION, DIS- SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)
372245093342001		04-06-95	<0.01	<0.01	<0.01	<0.04	<0.01	<0.01	<0.02	<0.02	<0.03
STATION	NUMBER	DATE	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NAPROP- AMIDE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82684)
372245093342001		04-06-95	<0.02	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01
STATION	NUMBER	DATE	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR AZON, WATER, WAT FLT 0.7U GF, REC (UG/L) (49293)	OCRESOL 4,6- DINITRO WAT FLT 0.7U GF, REC (UG/L) (49299)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
372245093342001		04-06-95	<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02
STATION	NUMBER	DATE	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PHORATE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82664)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82676)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER, FLTRD, 0.7 U GF, REC (UG/L) (82679)	PRO- PARGITE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82685)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)
372245093342001		04-06-95	<0.03	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01
STATION	NUMBER	DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU- THIURON FLTRD, 0.7 U GF, REC (UG/L) (82670)	TER- BACIL WATER, FLTRD, 0.7 U GF, REC (UG/L) (82665)	TER- BUFOS WATER, FLTRD, 0.7 U GF, REC (UG/L) (82675)	THIO- BENCARB WATER, FLTRD, 0.7 U GF, REC (UG/L) (82681)	TRIAL- LATE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82678)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
372245093342001		04-06-95	<0.02	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.07	<0.0

Osagean Series

STATION	NUMBER	DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH OF WELL, TOTAL (FEET) (72008)	DEPTH TO BOT- TOM OF SAMPLE INTER- VAL (FT) (72016)	DEPTH TO TOP OF SAMPLE INTER- VAL (FT) (72015)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN) (72004)	FLOW RATE, INSTAN- TANEOUS (G/M) (00059)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)
370634093322501		05-09-95	1300	80513	80020	spring	--	--	1240	--	100	346
3710460933231101		05-09-95	1000	80513	80020	180.00	180	70	1260	20	5.0	452
3714080933115501		05-08-95	1600	80513	80020	spring	--	--	1340	--	450	544
371452093321701		05-10-95	1500	80513	80020	spring	--	--	1138	--	2.0	379
371631093265901		04-06-95	0800	80513	80020	spring	--	--	1089	--	5.0	454
STATION	NUMBER	DATE	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	CALCIUM DIS- SOLVED (MG/L) AS CA (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MG (00925)	SODIUM, DIS- SOLVED (MG/L) AS NA (00930)	POTAS- SIUM, DIS- SOLVED (MG/L) AS K (00935)	ALKA- LITY WAT WH TOT IT FIELD CAC03 (00419)	SULFATE DIS- SOLVED (MG/L) AS SO4 (00945)
370634093322501		05-09-95	7.0	--	13.5	9.0	67	1.6	2.4	1.1	164	3.7
3710460933231101		05-09-95	7.4	17.5	15.0	9.5	60	23	1.8	0.30	230	2.0
3714080933115501		05-08-95	7.2	16.5	12.5	8.7	99	2.1	6.2	4.0	212	13
371452093321701		05-10-95	7.1	15.0	13.0	4.5	73	1.6	2.7	1.1	168	10
371631093265901		04-06-95	7.3	--	13.5	7.7	73	5.7	7.3	0.90	200	4.1
STATION	NUMBER	DATE	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL (00940)	FLUO- RIDE, DIS- SOLVED (MG/L) AS F (00950)	BROMIDE DIS- SOLVED (MG/L) AS BR (71870)	SILICA, DIS- SOLVED (MG/L) AS SiO2 (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN NITRITE DIS- SOLVED (MG/L) AS N (00613)	NITRO- GEN NO2+NO3 DIS- SOLVED (MG/L) AS N (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L) AS N (00608)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L) AS N (00623)	PHOS- PHORUS DIS- SOLVED (MG/L) AS P (00666)
370634093322501		05-09-95	8.0	<0.10	0.020	10	210	<0.010	2.50	<0.015	<0.20	0.020
3710460933231101		05-09-95	3.2	0.20	0.040	8.4	249	<0.010	2.50	<0.015	<0.20	<0.010
3714080933115501		05-08-95	15	0.10	0.030	9.6	336	<0.010	7.00	<0.015	<0.20	0.010
371452093321701		05-10-95	6.9	<0.10	0.040	8.8	231	<0.010	2.90	<0.015	<0.20	<0.010
371631093265901		04-06-95	16	<0.10	0.090	10	249	<0.010	2.70	<0.015	<0.20	<0.010

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

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GREENE COUNTY, MISSOURI--CONTINUED

Osagean Series--continued

WATER-QUALITY DATA

STATION	NUMBER	DATE	PHOS- ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	TRITIUM TOTAL (PCI/L) (07000)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)
370634093322501	05-09-95		0.010	20	<1	15	2	0.7	24	<0.03	<0.03	<0.03
371046093231101	05-09-95		<0.010	<10	<1	<3	<1	0.2	11	<0.03	<0.03	<0.03
371408093115501	05-08-95		0.010	<10	<1	5	<1	1.1	20	<0.03	<0.03	<0.03
371452093321701	05-10-95		<0.010	<10	<1	9	3	0.5	23	<0.03	<0.03	<0.03
371631093265901	04-06-95		0.020	<10	<1	<3	<1	0.5	27	<0.06	<0.01	<0.02
STATION	NUMBER	DATE	ACETO- CHLOR, WATER, FLTRD REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, FLTRD, DISS, REC (UG/L) (46342)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB SULFONE SULF,FLT GF 0.7U REC (UG/L) (49313)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	ATRA- ZINE WATER, FLTRD, DISS, REC (UG/L) (39632)	DEETHYL ZINE WATER, FLTRD, DISS, REC (UG/L) (04040)
370634093322501	05-09-95		<0.009	<0.03	<0.01	<0.03	<0.03	<0.03	<0.01	<0.02	<0.02	<0.00
371046093231101	05-09-95		<0.009	<0.03	<0.01	<0.03	<0.03	<0.03	<0.01	<0.02	E0.00	<0.00
371408093115501	05-08-95		<0.009	<0.03	<0.01	<0.03	<0.03	<0.03	<0.01	<0.02	0.02	E0.03
371452093321701	05-10-95		<0.009	<0.03	<0.01	<0.03	<0.03	<0.03	<0.01	<0.02	<0.02	<0.00
371631093265901	04-06-95		<0.009	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	E0.00	E0.01
STATION	NUMBER	DATE	BEN- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82673)	BENTA- ZON WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, FLTRD, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL- ATE, WATER, FLTRD, DISS, REC (UG/L) (04028)	CAR- BARYL WATER, FLTRD, 0.7 U GF, REC (UG/L) (82680)	CAR- BARYL WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN WATER, FLTRD, 0.7 U GF, REC (UG/L) (82674)	CARBO- FURAN WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)
370634093322501	05-09-95		<0.01	<0.02	<0.03	<0.03	<0.01	<0.05	<0.02	<0.01	<0.02	<0.03
371046093231101	05-09-95		<0.01	<0.02	<0.03	<0.03	<0.01	<0.05	<0.02	<0.01	<0.02	<0.03
371408093115501	05-08-95		<0.01	<0.02	<0.03	<0.03	<0.01	<0.05	<0.02	<0.01	<0.02	<0.03
371452093321701	05-10-95		<0.01	<0.02	<0.03	<0.03	<0.01	<0.05	<0.02	<0.01	<0.02	<0.03
371631093265901	04-06-95		<0.01	<0.02	<0.01	<0.02	<0.01	<0.05	<0.01	<0.01	<0.03	<0.01
STATION	NUMBER	DATE	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA- ZINE, WATER, FLTRD, DISS, REC (UG/L) (04041)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	P, P' DDE DISSOLV (UG/L) (34653)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR- BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)
370634093322501	05-09-95		<0.03	<0.02	<0.07	<0.01	<0.03	<0.00	<0.01	<0.01	<0.03	<0.02
371046093231101	05-09-95		<0.03	<0.00	<0.07	<0.01	<0.03	<0.00	<0.01	<0.01	<0.03	<0.02
371408093115501	05-08-95		<0.03	<0.00	<0.07	<0.01	<0.03	<0.00	<0.01	<0.01	<0.03	<0.02
371452093321701	05-10-95		<0.03	<0.03	<0.07	<0.01	<0.03	<0.00	<0.01	<0.01	<0.03	<0.02
371631093265901	04-06-95		<0.01	<0.00	<0.06	<0.01	<0.02	<0.00	<0.01	<0.01	<0.02	<0.02
STATION	NUMBER	DATE	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DISUL- FOTON WATER, FLTRD, 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ESFEN- VAL- ERATE, WAT,FLT GF 0.7U REC (UG/L) (49298)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)
370634093322501	05-09-95		<0.03	<0.01	<0.01	<0.03	<0.06	<0.02	<0.00	<0.05	<0.01	<0.01
371046093231101	05-09-95		<0.03	<0.01	<0.01	<0.03	<0.06	<0.02	<0.00	<0.05	<0.01	<0.01
371408093115501	05-08-95		<0.03	<0.01	<0.01	<0.03	<0.06	<0.02	<0.00	<0.05	<0.01	<0.01
371452093321701	05-10-95		<0.03	<0.01	<0.01	<0.03	<0.06	<0.02	<0.00	<0.05	<0.01	<0.01
371631093265901	04-06-95		<0.03	<0.01	<0.01	<0.01	<0.06	<0.02	<0.00	<0.02	<0.01	<0.01
STATION	NUMBER	DATE	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FONOFOS WATER DISS REC (UG/L) (04095)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MALA- THION, DIS- SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)
370634093322501	05-09-95		<0.02	<0.01	<0.03	<0.01	<0.04	<0.02	<0.01	<0.07	<0.03	<0.02
371046093231101	05-09-95		<0.02	<0.01	<0.03	<0.01	<0.04	<0.02	<0.01	<0.07	<0.03	<0.02
371408093115501	05-08-95		<0.02	<0.01	<0.03	<0.01	<0.04	<0.02	<0.01	<0.07	<0.03	<0.02
371452093321701	05-10-95		<0.02	<0.01	<0.03	<0.01	<0.04	<0.02	<0.01	<0.07	<0.03	<0.02
371631093265901	04-06-95		<0.01	<0.01	<0.01	<0.01	<0.04	<0.01	<0.01	<0.02	<0.02	<0.03
STATION	NUMBER	DATE	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	1-NAPH- THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	
370634093322501	05-09-95		<0.53	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.02	<0.01	
371046093231101	05-09-95		<0.53	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.02	<0.01	
371408093115501	05-08-95		<0.53	<0.04	0.06	<0.03	<0.01	<0.01	<0.01	<0.02	<0.01	
371452093321701	05-10-95		<0.53	<0.04	0.06	<0.03	<0.01	<0.01	<0.01	<0.02	<0.01	
371631093265901	04-06-95		<0.02	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

GREENE COUNTY, MISSOURI--CONTINUED
Osagean Series--continued
WATER-QUALITY DATA

STATION	NUMBER	DATE	NEB- URON, WATER, FLTRD, GF 0.7 U (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7 U (UG/L) (49293)	OCRESOL 4, 6- DINITRO WAT, FLT GF 0.7 U (UG/L) (49299)	ORY- ZALIN, WATER, FLTRD, GF 0.7 U (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7 U (UG/L) (38866)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FLTRD 0.7 U (UG/L) (82669)	PENDI- METH- ALIN WAT FLT 0.7 U (UG/L) (82683)	PER- METHRIN CIS WAT FLT 0.7 U (UG/L) (82687)
370634093322501		05-09-95	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02
371046093231101		05-09-95	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02
371408093115501		05-08-95	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02
371452093321701		05-10-95	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02
371631093265901		04-06-95	<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02

STATION	NUMBER	DATE	PIC- LORAM, WATER, FLTRD, GF 0.7 U (UG/L) (49291)	PHORATE WATER, FLTRD, 0.7 U (UG/L) (82664)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER, FLTRD, 0.7 U (UG/L) (82676)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL, WATER, FLTRD, 0.7 U (UG/L) (82679)	PRO- PARGITE WATER, FLTRD, 0.7 U (UG/L) (82685)	PRO- PHAM, WATER, FLTRD, GF 0.7 U (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7 U (UG/L) (38538)
370634093322501		05-09-95	<0.07	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.03	<0.03
371046093231101		05-09-95	<0.07	<0.01	0.04	<0.01	<0.02	<0.02	<0.01	<0.03	<0.03
371408093115501		05-08-95	<0.07	<0.01	0.01	<0.01	<0.02	<0.02	<0.01	<0.03	<0.03
371452093321701		05-10-95	<0.07	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.03	<0.03
371631093265901		04-06-95	<0.03	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01

STATION	NUMBER	DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, DISS, (UG/L) (04035)	TEBU- THIURON WATER, FLTRD, 0.7 U (UG/L) (82670)	TER- BACIL WATER, FLTRD, 0.7 U (UG/L) (82665)	TER- BUFOS WATER, FLTRD, 0.7 U (UG/L) (82675)	THIO- BENCARB WATER, FLTRD, 0.7 U (UG/L) (82681)	TRIAL- LATE WATER, FLTRD, 0.7 U (UG/L) (82678)	TRI- CLOPYR, WATER, FLTRD, GF 0.7 U (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U (UG/L) (82661)
370634093322501		05-09-95	<0.03	0.03	E0.01	<0.03	<0.01	<0.01	<0.01	<0.09	<0.01
371046093231101		05-09-95	<0.03	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.09	<0.01
371408093115501		05-08-95	<0.03	<0.01	E0.01	<0.03	<0.01	<0.01	<0.01	<0.09	<0.01
371452093321701		05-10-95	<0.03	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.09	<0.01
371631093265901		04-06-95	<0.02	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.07	<0.01

HENRY COUNTY, MISSOURI
Pennsylvanian System

STATION	NUMBER	DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH OF WELL, TOTAL (FEET) (72008)	DEPTH TO BOT- TOM OF SAMPLE INTER- VAL (FT) (72016)	ELEV. OF LAND SURFACE DATUM (FT) ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN) (72004)	FLOW RATE INSTAN- TANEOUS (G/M) (00059)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARDS) (UNITS) (00400)
381739093343201		06-07-95	1200	80513	80020	45.00	45	851	30	6.0	595	5.5
STATION	NUMBER	DATE	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	CALCIUM DIS- SOLVED (MG/L) (AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) (AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L) (AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L) (AS K) (00935)	ALKA- LINITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	SULFATE DIS- SOLVED (MG/L) (AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) (AS CL) (00940)
381739093343201		06-07-95	30.5	14.5	4.6	39	10	22	3.7	31	170	4.6
STATION	NUMBER	DATE	FLUO- RIDE, DIS- SOLVED (MG/L) (AS F) (00950)	BROMIDE DIS- SOLVED (MG/L) (AS BR) (71870)	SILICA, DIS- SOLVED (MG/L) (AS SIO2) (00955)	SOLIDS RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN NITRITE DIS- SOLVED (MG/L) (AS N) (00613)	NITRO- GEN NO2+NO3 DIS- SOLVED (MG/L) (AS N) (00631)	NITRO- GEN AMMONIA DIS- SOLVED (MG/L) (AS N) (00608)	NITRO- GEN AM- MONIA + DIS- SOLVED (MG/L) (AS N) (00623)	PHOS- PHORUS DIS- SOLVED (MG/L) (AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L) (AS P) (00671)
381739093343201		06-07-95	0.20	0.050	21	309	<0.010	1.60	0.020	<0.20	<0.010	<0.010
STATION	NUMBER	DATE	ALUM- INUM, DIS- SOLVED (UG/L) (AS AL) (01106)	ARSENIC DIS- SOLVED (UG/L) (AS AS) (01006)	IRON, SOLVED (UG/L) (AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L) (AS MN) (01056)	CARBON ORGANIC DIS- SOLVED (MG/L) (AS C) (00681)	TRITIUM TOTAL (PCI/L) (07000)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, GF 0.7 U (UG/L) (38746)	ACETO- CHLOR, WATER, FLTRD REC (UG/L) (49260)
381739093343201		06-07-95	50	<1	1500	280	0.5	9.3	<0.05	<0.05	<0.05	<0.002
STATION	NUMBER	DATE	ACIFL- URFEN WATER, FLTRD, GF 0.7 U (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ALDI- CARB, WATER, FLTRD, GF 0.7 U (UG/L) (49312)	ALDICA- RB SUL- FOXIDE, WAT, FLT GF 0.7 U (UG/L) (49314)	ALDI- CARB SULFONE WAT, FLT GF 0.7 U (UG/L) (49313)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD, GF 0.7 U (UG/L) (49307)	ATRA- ZINE WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA- ZINE WATER, DISS, REC (UG/L) (04040)	BEN- FLUR- ALIN WAT FLT 0.7 U (UG/L) (82673)
381739093343201		06-07-95	<0.05	<0.00	<0.05	<0.05	<0.05	<0.00	<0.05	<0.00	<0.00	<0.00

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

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HENRY COUNTY, MISSOURI--CONTINUED
Pennsylvanian System--continued

WATER-QUALITY DATA

STATION	NUMBER	DATE	BENTA- ZON WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, FLTRD, GF 0.7U REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL- ATE, WATER, DISS, GF 0.7U REC (UG/L) (04028)	CAR- BARYL WATER, FLTRD, GF 0.7U REC (UG/L) (82680)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN WATER, FLTRD, GF 0.7U REC (UG/L) (82674)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	3HYDRXY CARBO- FURAN WAT, FLT GF 0.7U REC (UG/L) (49308)	CHLORO- THALO- NIL WAT, FLT GF 0.7U REC (UG/L) (49306)
381739093343201		06-07-95	<0.05	<0.05	<0.05	<0.00	<0.00	<0.05	<0.00	<0.05	<0.05	<0.05
STATION	NUMBER	DATE	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CLOPYR- ALID WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA- ZINE WATER, DISS, GF 0.7U REC (UG/L) (04041)	DACTHAL MONO- ACID WAT, FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF REC (UG/L) (82682)	P, P' DDE DISSOLV (UG/L) (34653)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR- BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DICHLOR PROP WATER, FLTRD, GF 0.7U REC (UG/L) (49302)
381739093343201		06-07-95	<0.00	<0.05	<0.00	<0.05	<0.00	<0.01	<0.00	<0.05	<0.05	<0.05
STATION	NUMBER	DATE	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	2,6-DI- ETHYL ANILINE WAT, FLT 0.7 U GF REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DISUL- FOTON WATER FLTRD 0.7 U GF REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	EPTC WATER FLTRD 0.7 U GF REC (UG/L) (82668)	ESFEN- VAL- ERATE, WAT, FLT GF 0.7U REC (UG/L) (49298)	ETHAL- FLUR- ALIN WAT, FLT 0.7 U GF REC (UG/L) (82663)	ETHO- PROP WATER FLTRD 0.7 U GF REC (UG/L) (82672)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)
381739093343201		06-07-95	<0.00	<0.00	<0.05	<0.02	<0.05	<0.00	<0.05	<0.00	<0.00	<0.05
STATION	NUMBER	DATE	FONOFOS WATER DISS REC (UG/L) (04095)	FLURO- METURON WATER, FLTRD, GF 0.7U DIS REC (UG/L) (38811)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER FLTRD 0.7 U GF REC (UG/L) (82666)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MALA- THION, DIS- SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	
381739093343201		06-07-95	<0.00	<0.05	<0.00	<0.00	<0.05	<0.00	<0.05	<0.05	<0.05	<0.05
STATION	NUMBER	DATE	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN- PHOS WAT, FLT 0.7 U GF, REC (UG/L) (82686)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	METHYL PARA- THION WAT, FLT 0.7 U GF, REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NAPPROP- AMIDE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82684)	
381739093343201		06-07-95	<0.05	<0.00	<0.02	<0.01	<0.00	<0.00	<0.00	<0.05	<0.00	<0.00
STATION	NUMBER	DATE	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	OCRESOL 4,6- DINITRO WAT, FLT GF 0.7U REC (UG/L) (49299)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FLTRD, GF 0.7 U GF, REC (UG/L) (82669)	PENDI- METH- ALIN WAT, FLT 0.7 U GF, REC (UG/L) (82683)	PER- METHRIN CIS WAT, FLT 0.7 U GF, REC (UG/L) (82687)	
381739093343201		06-07-95	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.00	<0.00	<0.00	<0.00
STATION	NUMBER	DATE	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PHORATE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82664)	PRO- METON, WATER, DISS, GF 0.7U REC (UG/L) (04037)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROP- CHLOR, WATER, DISS, GF 0.7U REC (UG/L) (04024)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	
381739093343201		06-07-95	<0.05	<0.00	<0.02	<0.00	<0.01	<0.00	<0.01	<0.05	<0.05	<0.05
STATION	NUMBER	DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT, FLT 0.7 U GF, REC (UG/L) (82661)	
381739093343201		06-07-95	<0.05	<0.00	<0.01	<0.01	<0.01	<0.00	<0.00	<0.05	<0.00	<0.00

JASPER COUNTY, MISSOURI
Meramecian Series

STATION	NUMBER	DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH OF WELL, TOTAL (FEET) (72008)	DEPTH TO BOT- TOM OF SAMPLE INTER- VAL (FT) (72016)	ELEV. OF LAND SURFACE DATUM (FT) ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN) (72004)	FLOW RATE, INSTAN- TANEOUS (G/M) (00059)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)
370550094150201		04-27-95	1210	80513	80020	75.00	75	1070	38	--	330	7.8
370632094103001		04-28-95	0745	80513	80020	110.00	110	1108	45	8.0	484	7.1
STATION	NUMBER	DATE	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	CALCIUM DIS- SOLVED (MG/L) AS CA (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MG (00925)	SODIUM, DIS- SOLVED (MG/L) AS NA (00930)	POTAS- SIUM, DIS- SOLVED (MG/L) AS K (00935)	ALKA- LITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	SULFATE DIS- SOLVED (MG/L) AS SO4 (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL (00940)
370550094150201		04-27-95	11.0	15.5	6.7	48	10	2.7	0.20	153	2.7	1.8
370632094103001		04-28-95	11.0	14.5	4.4	86	2.1	6.0	0.90	193	11	18

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

JASPER COUNTY, MISSOURI--CONTINUED

Meramecian Series--continued

WATER-QUALITY DATA

STATION	NUMBER	DATE	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	BROMIDE DIS- SOLVED (MG/L AS BR) (71870)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)
370550094150201	04-27-95		<0.10	0.040	8.5	182	<0.010	2.60	<0.015	<0.20	<0.010	<0.010
370632094103001	04-28-95		<0.10	0.080	8.0	282	<0.010	2.70	<0.015	<0.20	0.020	0.010
STATION	NUMBER	DATE	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	TRITIUM TOTAL (PCI/L) (07000)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	ACETO- CHLOR, WATER, FLTRD, REC (UG/L) (49260)
370550094150201	04-27-95		<10	<1	<3	<1	0.4	13	<0.06	<0.01	<0.02	<0.009
370632094103001	04-28-95		<10	<1	<3	<1	0.4	23	<0.06	<0.01	<0.02	<0.009
STATION	NUMBER	DATE	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDICA- RB SUL- FOXIDE, WAT.FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB SULFONE WAT.FLT GF 0.7U REC (UG/L) (49313)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	BEN- FLUR- ALIN WAT.FLT GF 0.7U REC (UG/L) (82673)
370550094150201	04-27-95		<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.02	<0.00	<0.01
370632094103001	04-28-95		<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.02	<0.00	<0.01
STATION	NUMBER	DATE	BENTA- ZON WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL- ATE WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER, FLTRD, GF 0.7U REC (UG/L) (82680)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN WATER, FLTRD, GF 0.7U REC (UG/L) (82674)	CARBO- FURAN WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	3HYDRXY CARBO- FURAN WAT.FLT GF 0.7U REC (UG/L) (49308)	CHLORO- THALO- NIL WAT.FLT GF 0.7U REC (UG/L) (49306)
370550094150201	04-27-95		<0.02	<0.01	<0.02	<0.01	<0.05	<0.01	<0.01	<0.03	<0.01	<0.01
370632094103001	04-28-95		<0.02	<0.01	<0.02	<0.01	<0.05	<0.01	<0.01	<0.03	<0.01	<0.01
STATION	NUMBER	DATE	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO- ACID, WAT.FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER, FLTRD, GF 0.7U REC (UG/L) (82682)	P,P' DDE DISSOLV (UG/L) (34653)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR- BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)
370550094150201	04-27-95		<0.00	<0.06	<0.01	<0.02	<0.00	<0.01	<0.01	<0.02	<0.02	<0.03
370632094103001	04-28-95		<0.00	<0.06	<0.01	<0.02	<0.00	<0.01	<0.01	<0.02	<0.02	<0.03
STATION	NUMBER	DATE	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	2,6-DI- ETHYL ANILINE WAT.FLT GF 0.7U REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DISUL- FOTON WATER, FLTRD, GF 0.7U REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	EPTC WATER, FLTRD, GF 0.7U REC (UG/L) (82668)	ESFEN- VAL- ERATE, WAT.FLT GF 0.7U REC (UG/L) (49298)	ETHAL- FLUR- ALIN WAT.FLT GF 0.7U REC (UG/L) (82663)	ETHO- PROP WATER, FLTRD, GF 0.7U REC (UG/L) (82672)	FEN- URON WATER, FLTRD, GF 0.7U REC (UG/L) (49297)
370550094150201	04-27-95		<0.01	<0.01	<0.01	<0.06	E0.18	<0.00	<0.02	<0.01	<0.01	<0.01
370632094103001	04-28-95		<0.01	<0.01	<0.01	<0.06	<0.02	<0.00	<0.02	<0.01	<0.01	<0.01
STATION	NUMBER	DATE	FONOFOS WATER DISS REC (UG/L) (04095)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER, FLTRD, GF 0.7U REC (UG/L) (82666)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MALA- THION, DIS- SOLVED (UG/L) (39532)	MCPA WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	
370550094150201	04-27-95		<0.01	<0.01	<0.01	<0.04	<0.01	<0.01	<0.02	<0.02	<0.03	
370632094103001	04-28-95		<0.01	<0.01	<0.01	<0.04	<0.01	<0.01	<0.02	<0.02	<0.03	
STATION	NUMBER	DATE	METH- OMYL WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN- PHOS WAT.FLT GF 0.7U REC (UG/L) (82686)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	METHYL PARA- THION WAT.FLT GF 0.7U REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD GF 0.7U REC (UG/L) (82671)	1-NAPH- THOL WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NAPPROP- AMIDE WATER, FLTRD, GF 0.7U REC (UG/L) (82684)	
370550094150201	04-27-95		<0.02	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	
370632094103001	04-28-95		<0.02	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	
STATION	NUMBER	DATE	NEB- URON WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR AZON WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	OCRESOL 4,6- DINITRO WAT.FLT GF 0.7U REC (UG/L) (49299)	ORY- ZALIN WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER, FLTRD, GF 0.7U REC (UG/L) (82669)	PENDI- METH- ALIN WAT.FLT GF 0.7U REC (UG/L) (82683)	PER- METHRIN CIS WAT.FLT GF 0.7U REC (UG/L) (82687)	
370550094150201	04-27-95		<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	
370632094103001	04-28-95		<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

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JASPER COUNTY, MISSOURI--CONTINUED
Meramecian Series--continued
WATER-QUALITY DATA

STATION	NUMBER	DATE	PIC- LORAM, WATER, FLTRD, GF 0.7 U REC (UG/L) (49291)	PHORATE WATER, FLTRD, GF 0.7 U REC (UG/L) (82664)	PRO- METON, WATER, DISS, (UG/L) (04037)	PRON- AMIDE WATER, FLTRD, GF 0.7 U REC (UG/L) (82676)	PROP- CHLOR, WATER, DISS, (UG/L) (04024)	PRO- PANIL WATER, FLTRD, GF 0.7 U REC (UG/L) (82679)	PRO- PARGITE WATER, FLTRD, GF 0.7 U REC (UG/L) (82685)	PRO- PHAM, WATER, FLTRD, GF 0.7 U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7 U REC (UG/L) (38538)	
370550094150201	04-27-95		<0.03	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	
370632094103001	04-28-95		<0.03	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	
STATION	NUMBER	DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU- THIURON WATER FLTRD 0.7 U GF REC (UG/L) (82670)	TER- BACIL WATER FLTRD 0.7 U GF REC (UG/L) (82665)	TER- BUFOS WATER FLTRD 0.7 U GF REC (UG/L) (82675)	THIO- BENCARB WATER FLTRD 0.7 U GF REC (UG/L) (82681)	TRIAL- LATE WATER FLTRD 0.7 U GF REC (UG/L) (82678)	TRI- CLOPYR, WATER, FLTRD, GF 0.7 U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF REC (UG/L) (82661)	
370550094150201	04-27-95		<0.02	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.07	<0.01	
370632094103001	04-28-95		<0.02	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.07	<0.01	
Ordovician System												
STATION	NUMBER	DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH OF WELL TOTAL (FEET) (72008)	DEPTH TO BOT- TOM OF SAMPLE INTER- VAL (FT) (72016)	DEPTH TO TOP OF SAMPLE INTER- VAL (FT) (72015)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN) (72004)	FLOW RATE INSTAN- TANEOUS (G/M) (00059)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)
371403094163401	04-27-95		0930	80513	80020	275.00	275	20	1002	67	10	405
STATION	NUMBER	DATE	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LITY WAT WH TOT IT FIELD MG/L AS CAC03 (00419)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)
371403094163401	04-27-95		7.6	11.0	16.0	0.4	54	17	4.5	0.50	217	3.7
STATION	NUMBER	DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RID, DIS- SOLVED (MG/L AS F) (00950)	BROMIDE DIS- SOLVED (MG/L AS BR) (71870)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	AMMONIA GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AM- MONIA DIS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)
371403094163401	04-27-95		1.4	0.10	0.020	8.2	211	<0.010	<0.050	<0.015	<0.20	<0.010
STATION	NUMBER	DATE	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	TRITIUM TOTAL (PCI/L) (07000)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, GF 0.7 U REC (UG/L) (38746)
371403094163401	04-27-95		<0.010	10	<1	28	11	0.7	<2.5	<0.06	<0.01	<0.02
STATION	NUMBER	DATE	ACETO- CHLOR, WATER, FLTRD REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7 U REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ALDI- CARB, WATER, FLTRD, GF 0.7 U REC (UG/L) (49312)	ALDICA- RB SUL- FOXIDE WAT FLT GF 0.7 U REC (UG/L) (49314)	ALDI- CARB SULFONE WAT FLT GF 0.7 U REC (UG/L) (49313)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD, GF 0.7 U REC (UG/L) (49307)	ATRA- ZINE WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA- ZINE WATER, DISS, REC (UG/L) (04040)
371403094163401	04-27-95		<0.009	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.02	<0.00
STATION	NUMBER	DATE	BEN- FLUR- ALIN WAT FLT GF 0.7 U REC (UG/L) (82673)	BENTA- ZON WATER, FLTRD, GF 0.7 U REC (UG/L) (38711)	BRO- MACIL WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7 U REC (UG/L) (49311)	BUTYL- ATE WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER, FLTRD, GF 0.7 U REC (UG/L) (82680)	CAR- BARYL WATER, FLTRD, GF 0.7 U REC (UG/L) (49310)	CARBO- FURAN WATER, FLTRD, GF 0.7 U REC (UG/L) (82674)	CARBO- FURAN WATER, FLTRD, GF 0.7 U REC (UG/L) (49309)	3HYDRXY CARBO- FURAN WAT FLT GF 0.7 U REC (UG/L) (49308)
371403094163401	04-27-95		<0.01	<0.02	<0.01	<0.02	<0.01	<0.05	<0.01	<0.01	<0.03	<0.01
STATION	NUMBER	DATE	CHLORO- THALO- NIL WAT FLT GF 0.7 U REC (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CLOPYR- ALID WATER, FLTRD, GF 0.7 U REC (UG/L) (49305)	CYANA- ZINE WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO- ACID, WAT FLT GF 0.7 U REC (UG/L) (49304)	DCPA WATER, FLTRD, GF 0.7 U REC (UG/L) (82682)	P, P' DDE DIS- SOLV (UG/L) (34653)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7 U REC (UG/L) (38442)	DICHLO- BENIL, WATER, FLTRD, GF 0.7 U REC (UG/L) (49303)
371403094163401	04-27-95		<0.01	<0.00	<0.06	<0.01	<0.02	<0.00	<0.01	<0.01	<0.02	<0.02
STATION	NUMBER	DATE	DICHLOR PROP WATER, FLTRD, GF 0.7 U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	2,6-DI- ETHYL ANILINE WAT FLT GF 0.7 U REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7 U REC (UG/L) (49301)	DISUL- FOTON WATER FLTRD 0.7 U GF REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7 U REC (UG/L) (49300)	EPTC WATER, FLTRD, GF 0.7 U REC (UG/L) (82668)	ESFEN- VAL- ERATE WAT FLT GF 0.7 U REC (UG/L) (49298)	ETHAL- FLUR- ALIN WAT FLT GF 0.7 U REC (UG/L) (82663)	ETHO- PROP WATER FLTRD 0.4 U GF REC (UG/L) (82672)
371403094163401	04-27-95		<0.03	<0.01	<0.01	<0.01	<0.06	<0.02	<0.00	<0.02	<0.01	<0.01

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

JASPER COUNTY, MISSOURI--CONTINUED

Ordovician System--continued

WATER-QUALITY DATA

STATION	NUMBER	DATE	FEN- URON, WATER, FLTRD, GF 0.7 U REC (UG/L) (49297)	FONOFOS WATER, DISS REC (UG/L) (04095)	FLUO- METURON WATER, FLTRD, GF 0.7 U REC (UG/L) (38811)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER, FLTRD, GF 0.7 U REC (UG/L) (82666)	LINURON WATER, FLTRD, GF 0.7 U REC (UG/L) (38478)	MALA- THION, DIS- SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7 U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7 U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7 U REC (UG/L) (38501)
371403094163401	04-27-95		<0.01	<0.01	<0.01	<0.01	<0.04	<0.01	<0.01	<0.02	<0.02	<0.03
STATION	NUMBER	DATE	METH- OMYL, WATER, FLTRD, GF 0.7 U REC (UG/L) (49296)	METHYL AZIN- PHOS WAT FLT GF REC (UG/L) (82686)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	METHYL PARA- THION WAT FLT GF REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD GF REC (UG/L) (82671)	1-NAPH THOL WATER, FLTRD, GF 0.7 U REC (UG/L) (49295)	NAPROP- AMIDE WATER, FLTRD, GF 0.7 U REC (UG/L) (82684)	
371403094163401	04-27-95		<0.02	<0.04	0.03	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	
STATION	NUMBER	DATE	NEB- URON, WATER, FLTRD, GF 0.7 U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7 U REC (UG/L) (49293)	OCRESOL 4, 6- DINITRO WAT FLT GF REC (UG/L) (49299)	ORY- ZALIN, WATER, FLTRD, GF 0.7 U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7 U REC (UG/L) (38866)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FLTRD GF REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT GF REC (UG/L) (82683)	PER- METHRIN CIS WAT FLT GF REC (UG/L) (82687)	
371403094163401	04-27-95		<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	
STATION	NUMBER	DATE	PIC- LORAM, WATER, FLTRD, GF 0.7 U REC (UG/L) (49291)	PHORATE WATER, FLTRD, GF 0.7 U GF REC (UG/L) (82664)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER, FLTRD, GF 0.7 U GF REC (UG/L) (82676)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER, FLTRD, GF 0.7 U GF REC (UG/L) (82679)	PRO- PARGITE WATER, FLTRD, GF 0.7 U GF REC (UG/L) (82685)	PRO- PHAM, WATER, FLTRD, GF 0.7 U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7 U REC (UG/L) (38538)	
371403094163401	04-27-95		<0.03	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	
STATION	NUMBER	DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU- THIURON WATER, FLTRD, GF 0.7 U GF REC (UG/L) (82670)	TER- BACIL WATER, FLTRD, GF 0.7 U GF REC (UG/L) (82665)	TER- BUFOS WATER, FLTRD, GF 0.7 U GF REC (UG/L) (82675)	THIO- BENCARB WATER, FLTRD, GF 0.7 U GF REC (UG/L) (82681)	TRIAL- LATE WATER, FLTRD, GF 0.7 U GF REC (UG/L) (82678)	TRI- CLOPYR, WATER, FLTRD, GF 0.7 U GF REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT GF REC (UG/L) (82661)	
371403094163401	04-27-95		<0.02	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.07	<0.01	

Osagean Series

STATION	NUMBER	DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (NUMBER) (00028)	DEPTH OF WELL, (FEET) (72008)	DEPTH TO BOT- TOM OF SAMPLE INTER- VAL, (FT) (72016)	ELEV. OF LAND SURFACE DATUM (FT) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN) (72004)	FLOW RATE, INSTAN- TANEOUS (G/M) (00059)	SPE- CIFIC CON- DUCT- ANCE (1/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)
370543094163001	04-27-95		1520	80513	80020	205.00	205	1008	79	5.0	337	7.1
STATION	NUMBER	DATE	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	CALCIUM DIS- SOLVED (MG/L) AS CA (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MG (00925)	SODIUM, DIS- SOLVED (MG/L) AS NA (00930)	POTAS- SIUM, DIS- SOLVED (MG/L) AS K (00935)	ALKA- LINITY WAT WH TOT IT FIELD CACO3 AS C (00419)	SULFATE DIS- SOLVED (MG/L) AS SO4 AS F (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL (00940)	FLUO- RIDE, DIS- SOLVED (MG/L) AS F (00950)
370543094163001	04-27-95		14.5	5.0	59	3.7	3.1	0.30	153	6.7	4.4	<0.10
STATION	NUMBER	DATE	BROMIDE DIS- SOLVED (MG/L) AS BR (71870)	SILICA, DIS- SOLVED AS SIO2 (00955)	SOLIDS, RESIDUE AT 180 DEG C DIS- SOLVED (MG/L) AS MN (70300)	NITRO- GEN, NITRO- GEN, DIS- SOLVED (MG/L) AS N (00613)	NITRO- GEN, NO2+N03 DIS- SOLVED (MG/L) AS N (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L) AS N (00608)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L) AS N (00623)	PHOS- PHORUS DIS- SOLVED (MG/L) AS P (00666)	PHOS- PHORUS DIS- SOLVED (MG/L) AS P (00671)	ALUM- INUM, DIS- SOLVED (UG/L) AS AL (01106)
370543094163001	04-27-95		0.030	9.3	189	<0.010	1.80	<0.015	<0.20	<0.010	<0.010	<10
STATION	NUMBER	DATE	ARSENIC DIS- SOLVED (UG/L) AS AS (01000)	IRON, DIS- SOLVED (UG/L) AS FE (01046)	MANGA- NESE, DIS- SOLVED (UG/L) AS MN (01056)	CARBON, ORGANIC DIS- SOLVED (MG/L) AS C (00681)	TRITIUM TOTAL (PCI/L) (07000)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, REC (UG/L) (38746)	ACETO- CHLOR, WATER, FLTRD, REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, REC (UG/L) (49315)
370543094163001	04-27-95		<1	<3	<1	0.5	18	<0.06	<0.01	<0.02	<0.009	<0.01
STATION	NUMBER	DATE	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ALDI- CARB, WATER, FLTRD, GF 0.7 U (UG/L) (49312)	ALDI- CARB SULF- FOXIDE, WAT FLT GF 0.7 U (UG/L) (49314)	ALDI- CARB SULFONE WAT FLT GF 0.7 U (UG/L) (49313)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD, GF 0.7 U (UG/L) (49307)	ATRA- ZINE WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA- ZINE WATER, DISS, REC (UG/L) (04040)	BEN- FLUR- ALIN WAT FLT GF 0.7 U (UG/L) (82673)	BENTA- ZON WATER, FLTRD, REC (UG/L) (38711)
370543094163001	04-27-95		<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.02	<0.00	<0.01	<0.02
STATION	NUMBER	DATE	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	MOXYNIL WATER, FLTRD, GF 0.7 U (UG/L) (49311)	BUTYL- ATE WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER, FLTRD, GF 0.7 U (UG/L) (82680)	CAR- BARYL WATER, FLTRD, GF 0.7 U (UG/L) (49310)	CARBO- FURAN, WATER, FLTRD, GF 0.7 U (UG/L) (82674)	CARBO- FURAN, WATER, FLTRD, GF 0.7 U (UG/L) (49309)	3HYDRXY FURAN WAT FLT GF 0.7 U (UG/L) (49308)	CHLORO- CHLOR- NIL WAT FLT GF 0.7 U (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)
370543094163001	04-27-95		<0.01	<0.02	<0.01	<0.05	<0.01	<0.01	<0.03	<0.01	<0.01	<0.00

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

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JASPER COUNTY, MISSOURI--CONTINUED

Osagean Series

WATER-QUALITY DATA

STATION	NUMBER	DATE	CLOPYR- ALID, WATER, FLTRD GF 0.7 U REC (UG/L) (49305)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO- ACID, WAT FLT REC (UG/L) (49304)	DCPA WATER FLTRD GF 0.7 U REC (UG/L) (82682)	P, P' DDE DISSOLV (UG/L) (34653)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD GF 0.7 U REC (UG/L) (38442)	DICHLOR- BENIL, WATER, FLTRD GF 0.7 U REC (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD GF 0.7 U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
370543094163001		04-27-95	<0.06	<0.01	<0.02	<0.00	<0.01	<0.01	<0.02	<0.02	<0.03	<0.01
			2,6-DI- ETHYL ANILINE WAT FLT GF 0.7 U REC (UG/L) (82660)	DINOSEB WATER, FLTRD GF 0.7 U REC (UG/L) (49301)	DISUL- FOTON WATER FLTRD GF 0.7 U REC (UG/L) (82677)	DIURON, WATER, FLTRD GF 0.7 U REC (UG/L) (49300)	EPTC WATER FLTRD GF 0.7 U REC (UG/L) (82668)	ESFEN- VAL- ERATE WAT FLT GF 0.7 U REC (UG/L) (49298)	ETHAL- FLUR- ALIN WAT FLT GF 0.7 U REC (UG/L) (82663)	ETHO- PROP WATER FLTRD GF 0.7 U REC (UG/L) (82672)	FEN- URON WATER, FLTRD GF 0.7 U REC (UG/L) (49297)	
370543094163001		04-27-95	<0.01	<0.01	<0.06	<0.02	<0.00	<0.02	<0.01	<0.01	<0.01	<0.01
			FONOFOS WATER DISS REC (UG/L) (04095)	FLUO- METURON WATER, FLTRD GF 0.7 U REC (UG/L) (38811)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER FLTRD GF 0.7 U REC (UG/L) (82666)	LINURON WATER, FLTRD GF 0.7 U REC (UG/L) (38478)	MALA- THION, DIS- SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD GF 0.7 U REC (UG/L) (38482)	MCPB, WATER, FLTRD GF 0.7 U REC (UG/L) (38487)	METHIO- CARB WATER, FLTRD GF 0.7 U REC (UG/L) (38501)	
370543094163001		04-27-95	<0.01	<0.01	<0.01	<0.04	<0.01	<0.01	<0.02	<0.02	<0.03	<0.01
			METH- OMYL WATER, FLTRD GF 0.7 U REC (UG/L) (49296)	METHYL AZIN- PHOS WAT FLT GF 0.7 U REC (UG/L) (82686)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	METHYL THION WAT FLT GF 0.7 U REC (UG/L) (82667)	METO- LACHLOR WATER FLTRD GF 0.7 U REC (UG/L) (39415)	METRI- BUZIN WATER FLTRD GF 0.7 U REC (UG/L) (82630)	MOL- INATE WATER FLTRD GF 0.7 U REC (UG/L) (82671)	1-NAPH THOL WATER, FLTRD GF 0.7 U REC (UG/L) (49295)	NAPROP- AMIDE WATER FLTRD GF 0.7 U REC (UG/L) (82684)	
370543094163001		04-27-95	<0.02	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
			NEB- URON WATER, FLTRD GF 0.7 U REC (UG/L) (49294)	NORFLUR AZON WATER, FLTRD GF 0.7 U REC (UG/L) (49293)	OCRESOL 4,6- DINITRO WAT FLT GF 0.7 U REC (UG/L) (49299)	ORY- ZALIN WATER, FLTRD GF 0.7 U REC (UG/L) (49292)	OXAMYL WATER, FLTRD GF 0.7 U REC (UG/L) (38866)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FLTRD GF 0.7 U REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT GF 0.7 U REC (UG/L) (82683)	PER- METHRIN CIS WAT FLT GF 0.7 U REC (UG/L) (82687)	
370543094163001		04-27-95	<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	<0.02
			PIC- LORAM, WATER, FLTRD GF 0.7 U REC (UG/L) (49291)	PHORATE WATER FLTRD GF 0.7 U REC (UG/L) (82664)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER FLTRD GF 0.7 U REC (UG/L) (82676)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER FLTRD GF 0.7 U REC (UG/L) (82679)	PRO- PARGITE WATER FLTRD GF 0.7 U REC (UG/L) (82685)	PRO- PHAM, WATER, FLTRD GF 0.7 U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD GF 0.7 U REC (UG/L) (38538)	
370543094163001		04-27-95	<0.03	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	<0.01
			SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU- THIURON WATER FLTRD GF 0.7 U REC (UG/L) (82670)	TER- BACIL WATER FLTRD GF 0.7 U REC (UG/L) (82665)	TER- BUFOS WATER FLTRD GF 0.7 U REC (UG/L) (82675)	THIO- BENCARB WATER FLTRD GF 0.7 U REC (UG/L) (82681)	TRIAL- LATE WATER FLTRD GF 0.7 U REC (UG/L) (82678)	TRI- CLOPYR, WATER, FLTRD GF 0.7 U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT GF 0.7 U REC (UG/L) (82661)	
370543094163001		04-27-95	<0.02	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.07	<0.01	<0.01

LAWRENCE COUNTY, MISSOURI

Keokuk-Burlington Limestone

STATION	NUMBER	DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	FLOW RATE, INSTAN-TANEOUS (G/M) (00059)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	
375751093363901	spring	05-17-95	1600	80513	80020	1260	2210	328	7.1	25.5	13.5	8.7	
STATION	NUMBER	DATE		CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKA-LINITY WAT WH TOT IT FIELD (MG/L AS CO3) (00419)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SiO2) (00955)
375751093363901		05-17-95	67	2.1	4.7	2.1	159	2.9	6.7	<0.10	0.040	12	
STATION	NUMBER	DATE		SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS-SOLVED (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	IRON, DIS-SOLVED (UG/L AS FE) (01046)
375751093363901		05-17-95	206	<0.010	2.40	<0.015	<0.20	<0.010	0.020	<10	<1	<3	

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

LAWRENCE COUNTY, MISSOURI--CONTINUED
Keokuk-Burlington Limestone--continued
WATER-QUALITY DATA

STATION	NUMBER	DATE	MANGANESE, DIS- SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	TRITIUM TOTAL (PCI/L) (07000)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	ACETO- CHLOR, WATER, FLTRD REC (UG/L) (49260)	ACIFL- UORFEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)
375751093363901	05-17-95		<1	0.3	22	<0.03	<0.03	<0.03	<0.009	<0.03	<0.01	<0.03
STATION	NUMBER	DATE	ALDICA- RB SUL- FOXIDE, WAT FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB SULFONE WAT FLT GF 0.7U REC (UG/L) (49313)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	BEN- FLUR- ALIN WAT FLT GF 0.7U REC (UG/L) (82673)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)
375751093363901	05-17-95		<0.03	<0.03	<0.01	<0.02	<0.02	<0.00	<0.01	<0.02	<0.03	<0.03
STATION	NUMBER	DATE	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER, FLTRD GF 0.7U REC (UG/L) (82680)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN WATER, FLTRD, GF 0.7U REC (UG/L) (82674)	CARBO- FURAN WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	3HYDRXY CARBO- FURAN WAT FLT GF 0.7U REC (UG/L) (49308)	CHLORO- THALO- NIL WAT FLT GF 0.7U REC (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED REC (UG/L) (38933)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	
375751093363901	05-17-95		<0.01	<0.05	<0.02	<0.01	<0.02	<0.03	<0.03	<0.00	<0.07	
STATION	NUMBER	DATE	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DACHAL MONO- ACID, WAT FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER, FLTRD, GF 0.7U REC (UG/L) (82682)	P P' DDE DISSOLV (UG/L) (34653)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLO- BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	
375751093363901	05-17-95		<0.01	<0.03	<0.00	<0.01	<0.01	<0.03	<0.02	<0.03	<0.01	
STATION	NUMBER	DATE	2,6-DI- ETHYL ANILINE WAT FLT GF 0.7U REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DISUL- FOTON WATER, FLTRD, GF 0.7U REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	EPTC WATER, FLTRD, GF 0.7U REC (UG/L) (82668)	ESFEN- VAL- ERATE, WAT FLT GF 0.7U REC (UG/L) (49298)	ETHAL- FLUR- ALIN WAT FLT GF 0.7U REC (UG/L) (82663)	ETHO- PROP WATER, FLTRD, GF 0.7U REC (UG/L) (82672)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	
375751093363901	05-17-95		<0.01	<0.03	<0.06	<0.02	<0.00	<0.05	<0.01	<0.01	<0.02	
STATION	NUMBER	DATE	FONOFOS WATER, DISS, REC (UG/L) (04095)	FLURO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER, FLTRD, GF 0.7U REC (UG/L) (82666)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MALA- THION, DIS- SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	
375751093363901	05-17-95		<0.01	<0.03	<0.01	<0.04	<0.02	<0.01	<0.07	<0.03	<0.02	
STATION	NUMBER	DATE	METH- OMYL, AZIN- WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL PHOS WAT FLT GF 0.7U REC (UG/L) (82686)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	METHYL PARA- THION WAT FLT GF 0.7U REC (UG/L) (82667)	METO- LACHLOR WATER, DISSOLV (UG/L) (39415)	METRI- BUZIN SENCOR WATER, DISSOLV (UG/L) (82630)	MOL- INATE WATER, FLTRD, GF 0.7U REC (UG/L) (82671)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NAPROP- THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (82684)	
375751093363901	05-17-95		<0.53	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.02	<0.01	
STATION	NUMBER	DATE	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	OCRESOL 4,6- DINITRO WAT FLT GF 0.7U REC (UG/L) (49299)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER, FLTRD, GF 0.7U REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT GF 0.7U REC (UG/L) (82683)	PER- METHRIN CIS WAT FLT GF 0.7U REC (UG/L) (82687)	
375751093363901	05-17-95		<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	
STATION	NUMBER	DATE	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PHORATE WATER, FLTRD, GF 0.7U REC (UG/L) (82664)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER, FLTRD, GF 0.7U REC (UG/L) (82676)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER, FLTRD, GF 0.7U REC (UG/L) (82679)	PRO- PARGITE WATER, FLTRD, GF 0.7U REC (UG/L) (82685)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	
375751093363901	05-17-95		<0.07	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.03	<0.03	
STATION	NUMBER	DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU- THIURON WATER, FLTRD, GF 0.7U REC (UG/L) (82670)	TER- BACIL WATER, FLTRD, GF 0.7U REC (UG/L) (82665)	TER- BUFOS WATER, FLTRD, GF 0.7U REC (UG/L) (82675)	THIO- BENCARB WATER, FLTRD, GF 0.7U REC (UG/L) (82681)	TRIAL- LATE WATER, FLTRD, GF 0.7U REC (UG/L) (82678)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT GF 0.7U REC (UG/L) (82661)	
375751093363901	05-17-95		<0.03	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.09	<0.01	

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

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LAWRENCE COUNTY, MISSOURI--CONTINUED
Ordovician System

STATION	NUMBER	DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH OF WELL, TOTAL (FEET) (72008)	DEPTH TO BOT- TOM OF SAMPLE INTER- VAL (FT) (72016)	DEPTH TO TOP OF SAMPLE INTER- VAL (FT) (72015)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN) (72004)	FLOW RATE, INSTAN- TANEOUS (G/M) (00059)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)
370003093532001	05-10-95	1300		80513	80020	400.00	400	--	1362	50	6.0	524
370517093524101	05-10-95	1000		80513	80020	430.00	430	43	1155	47	6.0	269
STATION	NUMBER	DATE	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00020)	OXYGEN, DIS- SOLVED (MG/L) (00300)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)
370003093532001	05-10-95	7.4		18.5	14.7	0	64	24	7.7	1.1	200	34
370517093524101	05-10-95	8.0		16.0	15.0	0.0	30	15	2.7	2.2	127	13
STATION	NUMBER	DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	BROMIDE DIS- SOLVED (MG/L AS BR) (71870)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)
370003093532001	05-10-95	16		0.50	0.060	7.5	308	0.180	4.60	<0.015	<0.20	<0.010
370517093524101	05-10-95	1.4		0.40	0.030	8.3	151	<0.010	<0.050	0.020	<0.20	<0.010
STATION	NUMBER	DATE	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	TRITIUM TOTAL (PCI/L) (07000)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)
370003093532001	05-10-95	<0.010		<10	<1	7	5	0.4	30	<0.03	<0.03	<0.03
370517093524101	05-10-95	<0.010		<10	<1	6	4	0.1	<2.5	<0.03	<0.03	<0.03
STATION	NUMBER	DATE	ACETO- CHLOR, WATER, FLTRD, REC (UG/L) (49260)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)
370003093532001	05-10-95	<0.009		<0.03	<0.01	<0.03	<0.03	<0.03	<0.01	<0.02	<0.02	<0.00
370517093524101	05-10-95	<0.009		<0.03	<0.01	<0.03	<0.03	<0.03	<0.01	<0.02	<0.02	<0.00
STATION	NUMBER	DATE	BEN- FLUR- ALIN WAT,FLD 0.7 U GF, REC (UG/L) (82673)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL- ATE WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER, FLTRD, 0.7 U GF, REC (UG/L) (82680)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN WATER, FLTRD, 0.7 U GF, REC (UG/L) (82674)	CARBO- FURAN WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)
370003093532001	05-10-95	<0.01		<0.02	<0.03	<0.03	<0.01	<0.05	<0.02	<0.01	<0.02	<0.03
370517093524101	05-10-95	<0.01		<0.02	<0.03	<0.03	<0.01	<0.05	<0.02	<0.01	<0.02	<0.03
STATION	NUMBER	DATE	CHLORO- THALO- NIL WAT,FLT GF 0.7U REC (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA- ZINE WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	P, P' DDE DISSOLV (UG/L) (34653)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR- BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)
370003093532001	05-10-95	<0.03		<0.00	<0.07	<0.01	<0.03	<0.00	<0.01	<0.01	<0.03	<0.02
370517093524101	05-10-95	<0.03		<0.00	<0.07	<0.01	<0.03	<0.00	<0.01	<0.01	<0.03	<0.02
STATION	NUMBER	DATE	DICHLOR PROP WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	2,6-DI- ETHYL ANTLINE WAT,FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DISUL- FOTON WATER, FLTRD, 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ESFEN- VAL- ERATE, WAT,FLT 0.7 U GF, REC (UG/L) (49298)	ETHAL- FLUR- ALIN WAT,FLT 0.7 U GF, REC (UG/L) (82663)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)
370003093532001	05-10-95	<0.03		<0.01	<0.01	<0.03	<0.06	<0.02	<0.00	<0.05	<0.01	<0.01
370517093524101	05-10-95	<0.03		<0.01	<0.01	<0.03	<0.06	<0.02	<0.00	<0.05	<0.01	<0.01
STATION	NUMBER	DATE	FEN- URON WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	FONOFOS WATER DISS REC (UG/L) (04095)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MALA- THION, DIS- SOLVED (UG/L) (39532)	MCPA WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB WATER, FLTRD, GF 0.7U REC (UG/L) (38501)
370003093532001	05-10-95	<0.02		<0.01	<0.03	<0.01	<0.04	<0.02	<0.01	<0.07	<0.03	<0.02
370517093524101	05-10-95	<0.02		<0.01	<0.03	<0.01	<0.04	<0.02	<0.01	<0.07	<0.03	<0.02

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

LAWRENCE COUNTY, MISSOURI--CONTINUED

Ordovician System
WATER-QUALITY DATA

STATION	NUMBER	DATE	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN- PHOS WAT FLT GF 0.7U REC (UG/L) (82686)	METHY- LENE- BLUE ACTIVE SUB- STANCE (MG/L) (38260)	METHYL THION WAT FLT GF 0.7U REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD 0.7U GF REC (UG/L) (82671)	1-NAPH THOL WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NAPROP- AMIDE WATER FLTRD 0.7U GF REC (UG/L) (82684)
370003093532001	05-10-95		<0.53	<0.04	0.06	<0.03	<0.01	<0.01	<0.01	<0.02	<0.01
370517093524101	05-10-95		<0.53	<0.04	0.04	<0.03	<0.01	<0.01	<0.01	<0.02	<0.01
STATION	NUMBER	DATE	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR AZON, WATER, WAT FLT GF 0.7U REC (UG/L) (49293)	OCRESOL 4, 6- DINITRO WAT FLT GF 0.7U REC (UG/L) (49299)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FLTRD 0.7U GF REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT 0.7U GF REC (UG/L) (82683)	PER- METHRIN CIS WAT FLT 0.7U GF REC (UG/L) (82687)
370003093532001	05-10-95		<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02
370517093524101	05-10-95		<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02
STATION	NUMBER	DATE	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PHORATE WATER FLTRD 0.7U GF REC (UG/L) (82664)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER FLTRD 0.7U GF REC (UG/L) (82676)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER FLTRD 0.7U GF REC (UG/L) (82679)	PRO- PARGITE WATER FLTRD 0.7U GF REC (UG/L) (82685)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)
370003093532001	05-10-95		<0.07	<0.01	<0.08	<0.01	<0.02	<0.02	<0.01	<0.03	<0.03
370517093524101	05-10-95		<0.07	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.03	<0.03
STATION	NUMBER	DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU- THIURON FLTRD 0.7U GF REC (UG/L) (82670)	TER- BACIL WATER FLTRD 0.7U GF REC (UG/L) (82665)	TER- BUFOS WATER FLTRD 0.7U GF REC (UG/L) (82675)	THIO- BENCARB WATER FLTRD 0.7U GF REC (UG/L) (82681)	TRIAL- LATE WATER FLTRD 0.7U GF REC (UG/L) (82678)	TRI- CLOPYR, WATER FLTRD, GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7U GF REC (UG/L) (82661)
370003093532001	05-10-95		<0.03	<0.01	E0.00	<0.03	<0.01	<0.01	<0.01	<0.09	<0.01
370517093524101	05-10-95		<0.03	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.09	<0.01

Osagean Series

STATION	NUMBER	DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH OF WELL TOTAL (FEET) (72008)	DEPTH TO BOT-TOM OF SAMPLE INTER-VAL (FT) (72016)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	FLOW RATE, INSTAN-TANEOUS (G/M) (00059)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)
370114093434801	05-11-95	1000		80513	80020	385.00		1295	32	4.0	366	7.3
370215093391301	05-11-95	1200		80513	80020	spring	--	1285	--	100	434	6.9
371439093375501	05-12-95	1000		80513	80020	spring	--	1120	--	40	346	7.1
STATION	NUMBER	DATE	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	CALCIUM DIS-SOLVED (MG/L) AS CA (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L) AS MG (00925)	SODIUM, DIS-SOLVED (MG/L) AS NA (00930)	POTAS-SIUM, DIS-SOLVED (MG/L) AS K (00935)	ALKA-LINITY WAT WH TOT IT FIELD MG/L AS CAC03 (00419)	SULFATE DIS-SOLVED (MG/L) AS SO4 (00945)	CHLO-RIDE, DIS-SOLVED (MG/L) AS CL (00940)
370114093434801	05-11-95	16.5	15.0	8.7	62	7.5	4.0	0.50	181	4.0	3.4	
370215093391301	05-11-95	24.0	13.5	7.5	85	2.4	3.8	1.1	196	2.7	10	
371439093375501	05-12-95	15.5	12.5	6.9	44	17	3.5	0.50	164	6.7	6.8	
STATION	NUMBER	DATE	FLUO-RIDE, DIS-SOLVED (MG/L) AS F (00950)	BROMIDE DIS-SOLVED (MG/L) AS BR (71870)	SILICA, DIS-SOLVED (MG/L) AS STIO2 (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L) AS N (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L) AS N (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L) AS N (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS-SOLVED (MG/L) AS N (00623)	PHOS-PHORUS DIS-SOLVED (MG/L) AS P (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L) AS P (00671)
370114093434801	05-11-95	<0.10	0.040	9.5	212	<0.010	2.20	<0.015	<0.20	0.040	<0.010	
370215093391301	05-11-95	<0.10	0.050	11	270	<0.010	4.40	<0.015	<0.20	0.050	0.020	
371439093375501	05-12-95	0.10	0.050	9.3	191	<0.010	0.560	<0.015	<0.20	<0.010	<0.010	
STATION	NUMBER	DATE	ALUM-INUM, DIS-SOLVED (UG/L) AS AL (01106)	ARSENIC DIS-SOLVED (UG/L) AS AS (01000)	IRON, DIS-SOLVED (UG/L) AS FE (01046)	MANGA-NESE, DIS-SOLVED (UG/L) AS MN (01056)	CARBON, ORGANIC DIS-SOLVED (MG/L) AS C (00681)	TRITIUM TOTAL (PCI/L) (07000)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4,5-T DIS-SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	ACETO-CHLOR, WATER, FLTRD, GF 0.7U REC (UG/L) (49260)
370114093434801	05-11-95	<10	<1	<3	2	0.2	26	--	--	--	<0.009	
370215093391301	05-11-95	10	<1	28	<1	0.4	26	<0.03	<0.03	<0.03	<0.009	
371439093375501	05-12-95	<10	<1	<3	<1	0.5	21	<0.03	<0.03	<0.03	<0.009	
STATION	NUMBER	DATE	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, DISS, REC (UG/L) (46342)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDICA-RB SUL-FOXIDE, WAT, FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB SULFONE WAT, FLT GF 0.7U REC (UG/L) (49313)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)
370114093434801	05-11-95	--	<0.01	--	--	--	--	<0.01	--	<0.02	<0.00	<0.01
370215093391301	05-11-95	<0.03	<0.01	<0.03	<0.03	<0.03	<0.03	<0.01	<0.02	E0.00	<0.00	<0.01
371439093375501	05-12-95	<0.03	<0.01	<0.03	<0.03	<0.03	<0.03	<0.01	<0.02	<0.02	<0.00	<0.01

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

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LAWRENCE COUNTY, MISSOURI--CONTINUED

Osagean Series--continued

WATER-QUALITY DATA

STATION	NUMBER	DATE	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL, WATER, FLTRD, 0.7 U GF, REC (UG/L) (82680)	CAR- BARYL, WATER, FLTRD, 0.7 U GF, REC (UG/L) (49310)	CARBO- FURAN, WATER, FLTRD, 0.7 U GF, REC (UG/L) (82674)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	3HYDRXY CARBO- FURAN, WAT, FLT GF 0.7U REC (UG/L) (49308)	CHLORO- THALO- NIL, WAT, FLT GF 0.7U REC (UG/L) (49306)
370114093434801		05-11-95	--	--	--	<0.01	<0.05	--	<0.01	--	--	--
370215093391301		05-11-95	<0.02	<0.03	<0.03	<0.01	<0.05	<0.02	<0.01	<0.02	<0.03	<0.03
371439093375501		05-12-95	<0.02	<0.03	<0.03	<0.01	<0.05	<0.02	<0.01	<0.02	<0.03	<0.03
STATION	NUMBER	DATE	CHLOR- PYRIFOS DIS- SOLVED REC (UG/L) (38933)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO- ACID, WAT, FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER, FLTRD, 0.7 U GF, REC (UG/L) (82682)	P, P' DDE DISSOLV (UG/L) (34653)	DI- AZINON, DIS- SOLVED REC (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR- BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)
370114093434801		05-11-95	<0.00	--	<0.01	--	<0.00	<0.01	<0.01	--	--	--
370215093391301		05-11-95	<0.00	<0.07	<0.01	<0.03	<0.00	<0.01	<0.01	<0.03	<0.02	<0.03
371439093375501		05-12-95	<0.03	<0.07	<0.01	<0.03	<0.00	<0.01	<0.01	<0.03	<0.02	<0.03
STATION	NUMBER	DATE	DI- ELDRIN DIS- SOLVED REC (UG/L) (39381)	2,6-DI- ETHYL ANILINE WAT FLT GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DISUL- FOTON WATER, FLTRD, 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	EPTC WATER, FLTRD, 0.7 U GF, REC (UG/L) (82668)	ESFEN- VAL- ERATE, WAT, FLT GF 0.7U REC (UG/L) (49298)	ETHAL- FLUR- ALIN WAT FLT GF, REC (UG/L) (82663)	ETHO- PROP WATER, FLTRD, GF 0.7U GF, REC (UG/L) (82672)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)
370114093434801		05-11-95	<0.01	<0.01	--	<0.06	--	<0.00	--	<0.01	<0.01	--
370215093391301		05-11-95	<0.01	<0.01	<0.03	<0.06	<0.02	<0.00	<0.05	<0.01	<0.01	<0.02
371439093375501		05-12-95	<0.01	<0.01	<0.03	<0.06	<0.02	<0.00	<0.05	<0.01	<0.01	<0.02
STATION	NUMBER	DATE	FONOFOS WATER, DISS REC (UG/L) (04095)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINDANE DIS- SOLVED REC (UG/L) (39341)	LIN- URON WATER, FLTRD, 0.7 U GF, REC (UG/L) (82666)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MALA- THION, DIS- SOLVED REC (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	
370114093434801		05-11-95	<0.01	--	<0.01	<0.04	--	<0.01	--	--	--	--
370215093391301		05-11-95	<0.01	<0.03	<0.01	<0.04	<0.02	<0.01	<0.07	<0.03	<0.02	<0.02
371439093375501		05-12-95	<0.01	<0.03	<0.01	<0.04	<0.02	<0.01	<0.07	<0.03	<0.02	<0.02
STATION	NUMBER	DATE	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN- PHOS WAT FLT GF, REC (UG/L) (82686)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	METHYL PARA- THION WAT FLT GF, REC (UG/L) (82667)	METO- LACHLOR WATER, DISSOLV (UG/L) (39415)	METRI- BUZIN WATER, DISSOLV (UG/L) (82630)	MOL- INATE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82671)	1-NAPH- THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NAPPROP- AMIDE, WATER, FLTRD, GF 0.7U GF, REC (UG/L) (82684)	
370114093434801		05-11-95	--	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	--	<0.01	
370215093391301		05-11-95	<0.53	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.02	<0.01	
371439093375501		05-12-95	<0.53	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.02	<0.01	
STATION	NUMBER	DATE	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	OCRESOL 4,6- DINITRO WAT, FLT GF 0.7U REC (UG/L) (49299)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT GF 0.7U GF, REC (UG/L) (82683)	PER- METHRIN CIS WAT FLT GF 0.7U GF, REC (UG/L) (82687)	
370114093434801		05-11-95	--	--	--	--	--	<0.02	<0.01	<0.02	<0.02	
370215093391301		05-11-95	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	
371439093375501		05-12-95	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	
STATION	NUMBER	DATE	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PHORATE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82664)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82676)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER, FLTRD, 0.7 U GF, REC (UG/L) (82679)	PRO- PARGITE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82685)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	
370114093434801		05-11-95	--	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	--	--	
370215093391301		05-11-95	<0.07	<0.01	E0.00	<0.01	<0.02	<0.02	<0.01	<0.03	<0.03	
371439093375501		05-12-95	<0.07	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.03	<0.03	
STATION	NUMBER	DATE	SILVEX, DIS- SOLVED REC (UG/L) (39762)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU- BACIL WATER, FLTRD, 0.7 U GF, REC (UG/L) (82670)	TER- BACIL WATER, FLTRD, 0.7 U GF, REC (UG/L) (82665)	TER- BUFOS WATER, FLTRD, 0.7 U GF, REC (UG/L) (82675)	THIO- BENCARB WATER, FLTRD, 0.7 U GF, REC (UG/L) (82681)	TRIAL- LATE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82678)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT GF 0.7U GF, REC (UG/L) (82661)	
370114093434801		05-11-95	--	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	--	<0.01	
370215093391301		05-11-95	<0.03	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.09	<0.01	
371439093375501		05-12-95	<0.03	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.09	<0.01	

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

MCDONALD COUNTY, MISSOURI
Osagean Series

STATION	NUMBER	DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH OF WELL, TOTAL (FEET) (72008)	DEPTH TO BOT-TOM OF SAMPLE INTER-VAL (FT) (72016)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	FLOW RATE INSTAN-TANEOUS (G/M) (00059)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)
364155094255701	04-21-94	1100		80513	80020	250.00	250	1020	65	9.4	337	7.0
364347094184401	04-21-94	1500		80513	80020	160.00	160	1010	60	6.0	260	6.7
STATION	NUMBER	DATE	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKA-LINITY WAT WH TOT IT FIELD MG/L AS CAC03 (00419)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)
364155094255701	04-21-94	25.5		16.5	3.2	72	2.7	2.3	0.70	161	15	2.2
364347094184401	04-21-94	--		12.5	9.7	63	1.6	1.6	0.60	138	4.1	2.5
STATION	NUMBER	DATE	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS-SOLVED (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)
364155094255701	04-21-94	<0.10		0.040	8.3	225	<0.010	1.80	0.020	<0.20	<0.010	<0.010
364347094184401	04-21-94	<0.10		0.040	12	170	<0.010	1.10	0.020	<0.20	<0.010	<0.010
STATION	NUMBER	DATE	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	CARBON ORGANIC DIS-SOLVED (MG/L AS C) (00681)	TRITIUM TOTAL (PCI/L) (07000)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4,5-T DIS-SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA-CHLOR, WATER, FLTRD, DIS-SOLVED (UG/L) (46342)
364155094255701	04-21-94	<1		<3	<1	0.3	33	<0.05	<0.05	<0.05	<0.05	<0.01
364347094184401	04-21-94	<1		19	<1	0.3	21	<0.05	<0.05	<0.05	<0.05	<0.01
STATION	NUMBER	DATE	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDICA-RB SUL-FOXIDE, WAT. FLT GF 0.7U REC (UG/L) (49314)	ALDI-CARB SULFONE, WAT. FLT GF 0.7U REC (UG/L) (49313)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	ATRA-ZINE WATER, FLTRD, DIS-SOLVED (UG/L) (39632)	DEETHYL ATRA-ZINE WATER, FLTRD, DIS-SOLVED (UG/L) (04040)	BEN-FLUR-ALIN WAT. FLT GF 0.7U REC (UG/L) (82673)	BENTA-ZON WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MACIL, WATER, FLTRD, DIS-SOLVED (UG/L) (04029)
364155094255701	04-21-94	<0.05		<0.05	<0.05	<0.01	<0.05	<0.02	<0.01	<0.01	<0.05	<0.05
364347094184401	04-21-94	<0.05		<0.05	<0.05	<0.01	<0.05	<0.02	<0.01	<0.01	<0.05	<0.05
STATION	NUMBER	DATE	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL-ATE WATER, FLTRD, DIS-SOLVED (UG/L) (04028)	CAR-BARYL WATER, FLTRD, GF 0.7U REC (UG/L) (82680)	CAR-BARYL WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO-FURAN WATER, FLTRD, GF 0.7U REC (UG/L) (82674)	CARBO-FURAN WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	3HYDRXY CARBO-FURAN WAT. FLT GF 0.7U REC (UG/L) (49308)	CHLORO-THALO-NIL WAT. FLT GF 0.7U REC (UG/L) (49306)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)
364155094255701	04-21-94	<0.05		<0.01	<0.05	<0.05	<0.01	<0.05	<0.05	<0.05	<0.00	<0.05
364347094184401	04-21-94	<0.05		<0.01	<0.05	<0.05	<0.01	<0.05	<0.05	<0.05	<0.00	<0.05
STATION	NUMBER	DATE	CYANA-ZINE WATER, FLTRD, DIS-SOLVED (UG/L) (04041)	DACTHAL MONO-ACID, WAT. FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER, FLTRD, GF 0.7U REC (UG/L) (82682)	P,P'-DDE DISSOLV (UG/L) (34653)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DICHLO-PROP. WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	
364155094255701	04-21-94	<0.01		<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05	<0.01	
364347094184401	04-21-94	<0.01		<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05	<0.01	
STATION	NUMBER	DATE	2,6-DI-ETHYL ANILINE WAT. FLT GF 0.7U REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DISUL-FOTON WATER, FLTRD, GF 0.7U REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	EPTC WATER, FLTRD, GF 0.7U REC (UG/L) (82668)	ESFEN-VAL-ERATE WAT. FLT GF 0.7U REC (UG/L) (49298)	ETHAL-FLUR-ALIN WAT. FLT GF 0.7U REC (UG/L) (82663)	ETHO-PROP. WATER, FLTRD, GF 0.7U REC (UG/L) (82672)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	
364155094255701	04-21-94	<0.01		<0.05	<0.01	<0.05	<0.00	<0.05	<0.01	<0.01	<0.05	
364347094184401	04-21-94	<0.01		<0.05	<0.01	<0.05	<0.00	<0.05	<0.01	<0.01	<0.05	
STATION	NUMBER	DATE	FONOFOS WATER, FLTRD, DIS-SOLVED (UG/L) (04095)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON WATER, FLTRD, GF 0.7U REC (UG/L) (82666)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	
364155094255701	04-21-94	<0.01		<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05	
364347094184401	04-21-94	<0.01		<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05	
STATION	NUMBER	DATE	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN-PHOS WAT. FLT GF 0.7U REC (UG/L) (82686)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	METHYL PARA-THION WAT. FLT GF 0.7U REC (UG/L) (82667)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER, FLTRD, GF 0.7U REC (UG/L) (82671)	1-NAPH-THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NAPROP-AMIDE, WATER, FLTRD, GF 0.7U REC (UG/L) (82684)	
364155094255701	04-21-94	<0.05		<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01	
364347094184401	04-21-94	<0.05		<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01	

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

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MCDONALD COUNTY, MISSOURI--CONTINUED

Osagean Series--continued

WATER-QUALITY DATA

STATION	NUMBER	DATE	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	OCRESOL 4, 6- DINITRO WAT, FLT GF 0.7U REC (UG/L) (49299)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
364155094255701	04-21-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
364347094184401	04-21-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
STATION	NUMBER	DATE	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PHORATE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82664)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82676)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER, FLTRD, 0.7 U GF, REC (UG/L) (82679)	PRO- PARGITE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82685)	PRO- PHAM, WATER, FLTRD, 0.7 U GF, REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)
364155094255701	04-21-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
364347094184401	04-21-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
STATION	NUMBER	DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU- THIURON WATER, FLTRD, 0.7 U GF, REC (UG/L) (82670)	TER- BACIL WATER, FLTRD, 0.7 U GF, REC (UG/L) (82665)	TER- BUFOS WATER, FLTRD, 0.7 U GF, REC (UG/L) (82675)	THIO- BENCARB WATER, FLTRD, 0.7 U GF, REC (UG/L) (82681)	TRIAL- LATE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82678)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
364155094255701	04-21-94		<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
364347094184401	04-21-94		<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01

NEWTON COUNTY, MISSOURI

Osagean Series

STATION	NUMBER	DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH OF WELL, TOTAL (FEET) (72008)	DEPTH TO BOT- TOM OF SAMPLE INTER- VAL (FT) (72016)	DEPTH TO TOP OF SAMPLE INTER- VAL (FT) (72015)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN) (72004)	FLOW RATE, INSTAN- TANEOUS (G/M) (00059)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)
364825094085701	04-20-94	1530		80513	80020	spring	--	--	1160	--	90	239
365142094084901	04-20-94	1200		80513	80020	225.00	225	--	1220	60	8.0	228
365302094054901	06-08-95	1100		80513	80020	110.00	110	20	1140	30	5.0	334
365335094172601	05-17-95	1000		80513	80020	310.00	310	310	1180	60	5.0	390
STATION	NUMBER	DATE	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	CALCIUM SOLVED (MG/L) AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L) AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L) AS K) (00935)	ALKA- LINITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	SULFATE DIS- SOLVED (MG/L) AS SO4) (00945)
364825094085701	04-20-94	6.7		26.0	13.0	6.8	45	1.7	4.3	1.7	94	3.4
365142094084901	04-20-94	7.2		24.0	15.0	6.7	35	8.8	2.4	0.40	126	2.9
365302094054901	06-08-95	7.6		30.0	15.5	1.2	51	8.2	2.1	0.50	186	17
365335094172601	05-17-95	7.3		23.0	15.0	0.1	62	14	3.9	0.50	200	6.7
STATION	NUMBER	DATE	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L) AS F) (00950)	BROMIDE DIS- SOLVED (MG/L) AS BR) (71870)	SILICA, DIS- SOLVED (MG/L) AS (SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) AS MN) (70300)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L) AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L) AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L) AS N) (00608)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L) AS N) (00623)	PHOS- PHORUS DIS- SOLVED (MG/L) AS P) (00666)
364825094085701	04-20-94	7.1		<0.10	0.050	9.4	162	<0.010	4.30	0.030	<0.20	0.030
365142094084901	04-20-94	1.1		<0.10	0.040	8.7	142	<0.010	1.30	0.020	<0.20	<0.010
365302094054901	06-08-95	1.8		<0.10	0.040	8.4	184	<0.010	0.870	0.020	<0.20	<0.010
365335094172601	05-17-95	2.5		<0.10	0.030	8.6	219	0.020	0.960	<0.015	<0.20	<0.010
STATION	NUMBER	DATE	PHOS- PHORUS ORTHOPHOS- PHATE, DIS- SOLVED (MG/L) AS P) (00671)	ALUM- INUM, DIS- SOLVED (MG/L) AS AL) (01106)	ARSENIC DIS- SOLVED (UG/L) AS AS) (01000)	IRON, DIS- SOLVED (UG/L) AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L) AS MN) (01056)	CARBON, ORGANIC DIS- SOLVED (MG/L) AS C) (00681)	TRITIUM TOTAL (PCI/L) (07000)	2, 4-D, DIS- SOLVED (UG/L) (39732)	2, 4, 5-T DIS- SOLVED (UG/L) (39742)	2, 4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)
364825094085701	04-20-94	0.020		--	<1	13	<1	0.6	28	<0.05	<0.05	<0.05
365142094084901	04-20-94	<0.010		--	<1	5	<1	0.2	<2.5	<0.05	<0.05	<0.05
365302094054901	06-08-95	<0.010		<10	<1	4	<1	0.1	3.8	<0.05	<0.05	<0.05
365335094172601	05-17-95	<0.010		<10	<1	<3	2	0.2	5.4	<0.03	<0.03	<0.03
STATION	NUMBER	DATE	ACETO- CHLOR, WATER, FLTRD, REC (UG/L) (49260)	ACIFL- UORFEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ALDI- CARB WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDICA- RB SUL- FOXIDE, WAT, FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB SULFONE WAT, FLT GF 0.7U REC (UG/L) (49313)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)
364825094085701	04-20-94	--		<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	0.00	<0.01
365142094084901	04-20-94	--		<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.01
365302094054901	06-08-95	<0.002		<0.05	<0.00	<0.05	--	--	<0.00	<0.05	<0.00	<0.00
365335094172601	05-17-95	<0.009		<0.03	<0.01	<0.03	<0.03	<0.03	<0.01	<0.02	<0.02	<0.00

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

NEWTON COUNTY, MISSOURI--CONTINUED

Osagean Series--continued

WATER-QUALITY DATA

STATION	NUMBER	DATE	BEN- FLUR- ALIN WAT FLD 0.7 U GF REC (UG/L) (82673)	BENTA- ZON WATER, FLTRD GF 0.7 U REC (UG/L) (38711)	BRO- MACIL, WATER, FLTRD DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD GF 0.7 U REC (UG/L) (49311)	BUTYL- ATE WATER, FLTRD DISS, REC (UG/L) (04028)	CAR- BARYL WATER, FLTRD 0.7 U GF REC (UG/L) (82680)	CAR- BARYL, WATER, FLTRD GF 0.7 U REC (UG/L) (49310)	CARBO- FURAN WATER, FLTRD 0.7 U GF REC (UG/L) (82674)	CARBO- FURAN, WATER, FLTRD GF 0.7 U REC (UG/L) (49309)	3HYDRXY CARBO- FURAN WAT FLD GF 0.7 U REC (UG/L) (49308)
364825094085701	04-20-94		<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
365142094084901	04-20-94		<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05
365302094054901	06-08-95		<0.00	<0.05	<0.05	<0.05	<0.00	<0.00	<0.05	<0.00	<0.05	<0.05
365335094172601	05-17-95		<0.01	<0.02	<0.03	<0.03	<0.01	<0.05	<0.02	<0.01	<0.02	<0.03
STATION	NUMBER	DATE	CHLORO- THALO- NIL WAT FLD GF 0.7 U REC (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED REC (UG/L) (38933)	CLOPYR- ALID WATER, FLTRD GF 0.7 U REC (UG/L) (49305)	CYANA- ZINE WATER, FLTRD DISS, REC (UG/L) (04041)	DACTHAL MONO- ACID WAT FLD GF 0.7 U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF REC (UG/L) (82682)	P, P' DDE DISSOLV (UG/L) (34653)	DI- AZINON, DIS- SOLVED REC (UG/L) (39572)	DICAMBA WATER, FLTRD GF 0.7 U REC (UG/L) (38442)	DICHLO- BENIL, WATER, FLTRD GF 0.7 U REC (UG/L) (49303)
364825094085701	04-20-94		<0.05	<0.00	<0.05	<0.01	<0.05	<0.00	0.00	<0.01	<0.05	<0.05
365142094084901	04-20-94		<0.05	<0.00	<0.05	<0.01	<0.05	<0.00	0.00	<0.01	<0.05	<0.05
365302094054901	06-08-95		<0.05	<0.00	<0.05	<0.00	<0.05	<0.00	<0.01	<0.00	<0.05	<0.05
365335094172601	05-17-95		<0.03	<0.00	<0.07	<0.01	<0.03	<0.00	<0.01	<0.01	<0.03	<0.02
STATION	NUMBER	DATE	DICHLOR PROP WATER, FLTRD GF 0.7 U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED REC (UG/L) (39381)	2,6-DI- ETHYL ANILINE WAT FLD 0.7 U GF REC (UG/L) (82660)	DINOSEB WATER, FLTRD GF 0.7 U REC (UG/L) (49301)	DISUL- FOTON WATER, FLTRD 0.7 U GF REC (UG/L) (82677)	DIURON, WATER, FLTRD GF 0.7 U REC (UG/L) (49300)	EPTC WATER FLTRD 0.7 U GF REC (UG/L) (82668)	ESFEN- VAL- ERATE WAT FLD GF 0.7 U REC (UG/L) (49298)	ETHAL- FLUR- ALIN WAT FLD 0.7 U GF REC (UG/L) (82663)	ETHO- PROP WATER FLTRD 0.7 U GF REC (UG/L) (82672)
364825094085701	04-20-94		<0.05	<0.01	<0.01	<0.05	<0.01	<0.05	<0.00	<0.05	<0.01	<0.01
365142094084901	04-20-94		<0.05	<0.01	<0.01	<0.05	<0.01	<0.05	<0.00	<0.05	<0.01	<0.01
365302094054901	06-08-95		<0.05	<0.00	<0.00	<0.05	<0.02	<0.05	<0.00	<0.05	<0.00	<0.00
365335094172601	05-17-95		<0.03	<0.01	<0.01	<0.03	<0.06	<0.02	<0.00	<0.05	<0.01	<0.01
STATION	NUMBER	DATE	FEN- URON WATER, FLTRD GF 0.7 U REC (UG/L) (49297)	FONOFOS WATER FLTRD DISS REC (UG/L) (04095)	FLURO- METURON WATER, FLTRD GF 0.7 U REC (UG/L) (38811)	LINDANE DIS- SOLVED REC (UG/L) (39341)	LIN- URON WATER FLTRD 0.7 U GF REC (UG/L) (82666)	LINURON WATER, FLTRD GF 0.7 U REC (UG/L) (38478)	MALA- THION, DIS- SOLVED REC (UG/L) (39532)	MCPA, WATER, FLTRD GF 0.7 U REC (UG/L) (38482)	MCPB, WATER, FLTRD GF 0.7 U REC (UG/L) (38487)	METHIO- CARB WATER, FLTRD GF 0.7 U REC (UG/L) (38501)
364825094085701	04-20-94		<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
365142094084901	04-20-94		<0.05	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
365302094054901	06-08-95		<0.05	<0.00	<0.05	<0.00	<0.00	<0.05	<0.00	<0.05	<0.05	<0.05
365335094172601	05-17-95		<0.02	<0.01	<0.03	<0.01	<0.04	<0.02	<0.01	<0.07	<0.03	<0.02
STATION	NUMBER	DATE	METH- OMYL WATER, FLTRD GF 0.7 U REC (UG/L) (49296)	METHYL AZIN- PHOS WAT FLD 0.7 U GF REC (UG/L) (82686)	METHY- LENE PHOS ACTIVE SUB- STANCE MG/L (38260)	METHYL THION WAT FLD 0.7 U GF REC (UG/L) (82667)	METO- LACHLOR WATER FLTRD DISSOLV (UG/L) (39415)	METRI- BUZIN WATER FLTRD DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD 0.7 U GF REC (UG/L) (82671)	1-NAPH THOL WATER, FLTRD GF 0.7 U REC (UG/L) (49295)	NAPPROP- AMIDE WATER, FLTRD GF 0.7 U REC (UG/L) (82684)	
364825094085701	04-20-94		<0.05	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01	
365142094084901	04-20-94		<0.05	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01	
365302094054901	06-08-95		--	<0.00	<0.02	<0.01	<0.00	<0.00	<0.00	<0.05	<0.00	
365335094172601	05-17-95		<0.53	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.02	<0.01	
STATION	NUMBER	DATE	NEB- URON, WATER, FLTRD GF 0.7 U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD GF 0.7 U REC (UG/L) (49293)	OCRESOL 4,6- DINITRO WAT FLD GF 0.7 U REC (UG/L) (49299)	ORY- ZALIN, WATER, FLTRD GF 0.7 U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD GF 0.7 U REC (UG/L) (38866)	PARA- THION, WATER, FLTRD 0.7 U GF REC (UG/L) (39542)	PEB- ULATE WATER FLTRD 0.7 U GF REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLD 0.7 U GF REC (UG/L) (82683)	PER- METHIN CIS WAT FLD 0.7 U GF REC (UG/L) (82687)	
364825094085701	04-20-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02	
365142094084901	04-20-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02	
365302094054901	06-08-95		<0.05	<0.05	<0.05	<0.05	--	<0.00	<0.00	<0.00	<0.00	
365335094172601	05-17-95		<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	
STATION	NUMBER	DATE	PIC- LORAM, WATER, FLTRD GF 0.7 U REC (UG/L) (49291)	PHORATE WATER, FLTRD 0.7 U GF REC (UG/L) (82664)	PRO- METON, WATER, FLTRD DISS, REC (UG/L) (04037)	PRON- AMIDE WATER, FLTRD 0.7 U GF REC (UG/L) (82676)	PROP- CHLOR, WATER, FLTRD DISS, REC (UG/L) (04024)	PRO- PANIL WATER FLTRD 0.7 U GF REC (UG/L) (82679)	PRO- PARGITE WATER FLTRD 0.7 U GF REC (UG/L) (82685)	PRO- PHAM, WATER, FLTRD GF 0.7 U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD GF 0.7 U REC (UG/L) (38538)	
364825094085701	04-20-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05	
365142094084901	04-20-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05	
365302094054901	06-08-95		<0.05	<0.00	<0.02	<0.00	<0.01	<0.00	<0.01	<0.05	<0.05	
365335094172601	05-17-95		<0.07	<0.01	E.O.1	<0.01	<0.02	<0.02	<0.01	<0.03	<0.03	
STATION	NUMBER	DATE	SILVEX, DIS- SOLVED REC (UG/L) (39762)	SI- MAZINE, WATER, FLTRD DISS, REC (UG/L) (04035)	TEBU- THIURON WATER FLTRD 0.7 U GF REC (UG/L) (82670)	TER- BACIL WATER FLTRD 0.7 U GF REC (UG/L) (82665)	TER- BUFOS WATER FLTRD 0.7 U GF REC (UG/L) (82675)	THIO- BENCARB WATER FLTRD 0.7 U GF REC (UG/L) (82681)	TRIAL- LATE WATER FLTRD 0.7 U GF REC (UG/L) (82678)	TRI- CLOPYR, WATER, FLTRD GF 0.7 U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLD 0.7 U GF REC (UG/L) (82661)	
364825094085701	04-20-94		<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01	
365142094084901	04-20-94		<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01	
365302094054901	06-08-95		<0.05	<0.00	<0.01	<0.01	<0.01	<0.00	<0.00	<0.05	<0.00	
365335094172601	05-17-95		<0.03	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.09	<0.01	

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

395

STONE COUNTY, MISSOURI
Osagean Series
WATER-QUALITY DATA

STATION	NUMBER	DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	AGENCY ANALYZING SAMPLE (CODE NUMBER)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	FLOW RATE, INSTANTANEOUS (G/M)	SPECIFIC CONDUCTANCE (US/CM)	PH WATER WHOLE FIELD (STANDARD UNITS)	TEMPERATURE AIR (DEG C)	TEMPERATURE WATER (DEG C)	OXYGEN, DIS-SOLVED (MG/L)	
365225093344101	spring	05-15-95	1600	80513	80020	1180	100	329	7.1	25.0	13.0	8.3	
STATION	NUMBER	DATE		CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKALINITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
365225093344101		05-15-95	46	1.5	2.3	1.1	148	2.8	3.2	<0.10	0.020	11	
STATION	NUMBER	DATE		SOLIDS, RESIDUE AT 180 DEG C DIS-SOLVED (MG/L) (70300)	NITROGEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITROGEN, MONIA + ORGANIC DIS-SOLVED (MG/L AS N) (00623)	PHOSPHORUS, DIS-SOLVED (MG/L AS P) (00666)	PHOSPHORUS, ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUMINUM, DIS-SOLVED (UG/L AS AL) (01106)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	IRON, DIS-SOLVED (UG/L AS FE) (01046)
365225093344101		05-15-95	152	<0.010	2.00	<0.015	<0.20	0.010	0.020	<10	<1	7	
STATION	NUMBER	DATE		MANGANESE, DIS-SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	TRITIUM TOTAL (PCI/L) (07000)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4,5-T DIS-SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, REC (UG/L) (38746)	ACETOCHLOR, WATER, FLTRD, REC (UG/L) (49260)	ACIFLUORFEN, WATER, FLTRD, REC (UG/L) (49315)	ALACHLOR, WATER, DISS, REC (UG/L) (46342)	ALDICARB, WATER, FLTRD, REC (UG/L) (49312)
365225093344101		05-15-95	<1	0.3	20	<0.03	<0.03	<0.03	<0.009	<0.03	<0.01	<0.03	
STATION	NUMBER	DATE		ALDICARB SULFOXIDE, WAT FLT GF 0.7U REC (UG/L) (49314)	ALDICARB SULFONE, WAT FLT GF 0.7U REC (UG/L) (49313)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD, REC (UG/L) (49307)	ATRAZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRAZINE, WATER, DISS, REC (UG/L) (04040)	BENFLUR, ALIN, WAT FLT 0.7U REC (UG/L) (82673)	BENTAZON, WATER, FLTRD, REC (UG/L) (38711)	BROMACIL, WATER, DISS, REC (UG/L) (04029)	BROMOXNYL, WATER, FLTRD, REC (UG/L) (49311)
365225093344101		05-15-95	<0.03	<0.03	<0.01	<0.02	<0.02	<0.00	<0.01	<0.02	<0.03	<0.03	
STATION	NUMBER	DATE		BUTYLATE, WATER, DISS, REC (UG/L) (04028)	CARBARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (82680)	CARBARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBOFURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (82674)	CARBOFURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	3HYDRXY CARBOFURAN, WAT FLT GF 0.7U REC (UG/L) (49308)	CHLOROTHALONIL, WAT FLT GF 0.7U REC (UG/L) (49306)	CHLORPYRIFOS, DIS-SOLVED (UG/L) (38933)	CLOPYRALID, WATER, FLTRD, REC (UG/L) (49305)	
365225093344101		05-15-95	<0.01	<0.05	<0.02	<0.01	<0.02	<0.03	<0.03	<0.03	<0.07		
STATION	NUMBER	DATE		CYANAZINE, WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO-ACID, WAT FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER, FLTRD, GF 0.7U REC (UG/L) (82682)	P,P'DDE DISSOLV (UG/L) (34653)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DICAMBA, WATER, FLTRD, REC (UG/L) (38442)	DICHLOR-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI-ELDRIN, DIS-SOLVED (UG/L) (39381)	
365225093344101		05-15-95	<0.01	<0.03	<0.00	<0.01	<0.01	<0.03	<0.02	<0.03	<0.01	<0.01	
STATION	NUMBER	DATE		2,6-DI-ETHYL ANILINE WAT FLT 0.7U GF REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DISULFOTON, WATER, FLTRD, GF 0.7U REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	EPTC WATER, FLTRD, GF 0.7U REC (UG/L) (82668)	ESFENVALERATE, WAT FLT 0.7U REC (UG/L) (49298)	ETHALFLUR, ALIN, WAT FLT 0.7U GF REC (UG/L) (82663)	ETHO-PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (82672)	FENURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	
365225093344101		05-15-95	<0.01	<0.03	<0.06	<0.02	<0.00	<0.05	<0.01	<0.01	<0.02		
STATION	NUMBER	DATE		FONOFOS WATER, DISS, REC (UG/L) (04095)	FLUOMETURON, WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON, WATER, FLTRD, GF 0.7U REC (UG/L) (82666)	LINURON, WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MALATHION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	
365225093344101		05-15-95	<0.01	<0.03	<0.01	<0.04	<0.02	<0.01	<0.07	<0.03	<0.02		
STATION	NUMBER	DATE		METHOMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZINPHOS, WAT FLT 0.7U GF REC (UG/L) (82686)	METHYLENE BLUE, ACTIVE SUBSTANCE (MG/L) (38260)	METHYL PARA-THION, WAT FLT 0.7U GF REC (UG/L) (82667)	METO-LACHLOR, WATER, DISSOLV (UG/L) (39415)	METRIBUZIN, SENCOR, WATER, DISSOLV (UG/L) (82630)	MOLINATE, WATER, FLTRD, GF 0.7U REC (UG/L) (82671)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NAPROXAMIDE, WATER, FLTRD, GF 0.7U REC (UG/L) (82684)	
365225093344101		05-15-95	<0.53	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.02	<0.01		
STATION	NUMBER	DATE		NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLURAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	OCRESOL 4,6-DINITRO, WAT FLT 0.7U REC (UG/L) (49299)	ORYZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PARATHION, DIS-SOLVED (UG/L) (39542)	PEBULATE, WATER, FLTRD, GF 0.7U REC (UG/L) (82669)	PENDIMETHALIN, WAT FLT 0.7U GF REC (UG/L) (82683)	PERMETHRIN, WAT FLT 0.7U GF REC (UG/L) (82687)	
365225093344101		05-15-95	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02		

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

STONE COUNTY, MISSOURI--CONTINUED

Osagean Series--continued

WATER-QUALITY DATA

STATION	NUMBER	DATE	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PHORATE WATER FLTRD GF 0.7U REC (UG/L) (82664)	PRO- METON, WATER, FLTRD, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER FLTRD GF 0.7U REC (UG/L) (82676)	PROP- CHLOR, WATER, FLTRD, DISS, REC (UG/L) (04024)	PRO- PANIL WATER FLTRD GF 0.7U REC (UG/L) (82679)	PRO- PARGITE WATER FLTRD GF 0.7U REC (UG/L) (82685)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	
365225093344101		05-15-95	<0.07	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.03	<0.03	
STATION	NUMBER	DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, FLTRD, DISS, REC (UG/L) (04035)	TEBU- THIURON WATER FLTRD GF 0.7U REC (UG/L) (82670)	TER- BACIL WATER FLTRD GF 0.7U REC (UG/L) (82665)	TER- BUFOS WATER FLTRD GF 0.7U REC (UG/L) (82675)	THIO- BENCARB WATER FLTRD GF 0.7U REC (UG/L) (82681)	TRIAL- LATE WATER FLTRD GF 0.7U REC (UG/L) (82678)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT GF 0.7U REC (UG/L) (82661)	
365225093344101		05-15-95	<0.03	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.09	<0.0	
ADAIR COUNTY, OKLAHOMA												
Boone Formation												
STATION	NUMBER	DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH OF WELL, TOTAL (FEET) (72008)	DEPTH TO BOT- TOM OF SAMPLE INTER- VAL (FT) (72016)	DEPTH TO TOP OF SAMPLE INTER- VAL (FT) (72015)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN) (72004)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	
354918094314901		04-14-94	1500	80513	80020	spring	--	--	1060	--	250	
355356094374401		04-14-94	1000	80513	80020	123.00	123	123	920	50	463	
360841094394701		04-14-94	1400	80513	80020	spring	--	--	939	--	83	
STATION	NUMBER	DATE	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	CALCIUM DIS- SOLVED (MG/L) AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L) AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L) AS K) (00935)	ALKA- LITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	SULFATE DIS- SOLVED (MG/L) AS SO4) (00945)
354918094314901		04-14-94	7.0	16.0	12.5	6.8	61	1.6	1.7	0.60	131	9.7
355356094374401		04-14-94	7.0	23.0	15.5	0.2	50	1.7	3.8	1.5	262	2.0
360841094394701		04-14-94	7.1	16.0	12.0	9.7	18	0.67	1.8	0.80	65	3.6
STATION	NUMBER	DATE	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L) AS F) (00950)	BROMIDE DIS- SOLVED (MG/L) AS BR) (71870)	SILICA, DIS- SOLVED (MG/L) AS STO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L) AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L) AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L) AS N) (00608)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L) AS N) (00623)	PHOS- PHORUS DIS- SOLVED (MG/L) AS P) (00666)
354918094314901		04-14-94	1.5	<0.10	<0.010	7.6	175	<0.010	0.440	0.020	<0.20	0.020
355356094374401		04-14-94	6.1	<0.10	0.030	10	186	<0.010	0.120	0.080	<0.20	<0.010
360841094394701		04-14-94	2.2	<0.10	0.010	8.4	65	<0.010	0.730	0.030	<0.20	<0.010
STATION	NUMBER	DATE	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L) AS P) (00671)	ARSENIC DIS- SOLVED (UG/L) AS AS) (01000)	IRON, DIS- SOLVED (UG/L) AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L) AS MN) (01056)	CARBON, ORGANIC DIS- SOLVED (MG/L) AS C) (00681)	TRITIUM TOTAL (PCI/L) (07000)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)
354918094314901		04-14-94	0.020	<1	20	<1	1.0	20	<0.05	<0.05	<0.05	<0.05
355356094374401		04-14-94	<0.010	<1	14	<1	0.4	17	<0.05	<0.05	<0.05	<0.05
360841094394701		04-14-94	0.010	<1	21	<1	0.5	15	<0.05	<0.05	<0.05	<0.05
STATION	NUMBER	DATE	ALA- CHLOR, WATER, FLTRD, DISS, REC (UG/L) (46342)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDICA- RB SUL- FOXIDE, WAT FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB SULFONE WAT FLT GF 0.7U REC (UG/L) (49313)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	ATRA- ZINE, WATER, FLTRD, DISS, REC (UG/L) (39632)	DEETHYL ATRA- ZINE, WATER, FLTRD, DISS, REC (UG/L) (04040)	BEN- FLUR- ALIN WAT FLT GF 0.7U REC (UG/L) (82673)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)
354918094314901		04-14-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.01	<0.01	<0.05
355356094374401		04-14-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.01	<0.01	<0.05
360841094394701		04-14-94	--	<0.05	<0.05	<0.05	--	<0.05	--	--	--	<0.05
STATION	NUMBER	DATE	BRO- MACIL, WATER, FLTRD, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL- ATE, WATER, FLTRD, DISS, REC (UG/L) (04028)	CAR- BARYL WATER, FLTRD, GF 0.7U REC (UG/L) (82680)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (82674)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	3HYDRXY FURAN WAT FLT GF 0.7U REC (UG/L) (49308)	CHLORO- THALO- NIL, WAT FLT GF 0.7U REC (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)
354918094314901		04-14-94	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05	<0.05	<0.00
355356094374401		04-14-94	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05	<0.05	<0.00
360841094394701		04-14-94	<0.05	<0.05	--	--	<0.05	--	<0.05	<0.05	<0.05	--
STATION	NUMBER	DATE	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA- ZINE, WATER, FLTRD, DISS, REC (UG/L) (04041)	DACTHAL MONO- ACID, WAT FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD GF 0.7U REC (UG/L) (82682)	P,P' DDE DISSOLV (UG/L) (34653)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLOR BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
354918094314901		04-14-94	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05	<0.01
355356094374401		04-14-94	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05	<0.01
360841094394701		04-14-94	<0.05	--	<0.05	--	--	--	<0.05	<0.05	<0.05	--

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

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ADAIR COUNTY, OKLAHOMA--CONTINUED
Boone Formation--continued
WATER-QUALITY DATA

STATION	NUMBER	DATE	2, 6-DI-ETHYL ANILINE, WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7 U REC (UG/L) (49301)	DISUL-FOTON WATER, FLTRD, GF 0.7 U REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7 U REC (UG/L) (49300)	EPTC WATER, FLTRD, GF 0.7 U REC (UG/L) (82668)	ESFEN-VAL-ERATE, WAT FLT 0.7 U GF, REC (UG/L) (49298)	ETHAL-FLUR-ALIN, WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82672)	FEN-URON, WATER, FLTRD, GF 0.7 U REC (UG/L) (49297)
354918094314901	04-14-94		<0.01	<0.05	<0.01	<0.05	<0.00	<0.05	<0.01	<0.01	<0.05
355356094374401	04-14-94		<0.01	<0.05	<0.01	<0.05	<0.00	<0.05	<0.01	<0.01	<0.05
360841094394701	04-14-94		--	<0.05	--	<0.05	--	<0.05	--	--	<0.05
STATION	NUMBER	DATE	FONOFOS WATER, DISS REC (UG/L) (04095)	FLUO-METURON WATER, FLTRD, GF 0.7 U REC (UG/L) (38811)	LINDANE DIS-SOLVED (UG/L) (39341)	LINURON WATER, FLTRD, GF 0.7 U REC (UG/L) (82666)	LINURON WATER, FLTRD, GF 0.7 U REC (UG/L) (38478)	MALA-THION, DIS-SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7 U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7 U REC (UG/L) (38487)	METHIO-CARB, WATER, FLTRD, GF 0.7 U REC (UG/L) (38501)
354918094314901	04-14-94		<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
355356094374401	04-14-94		<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05
360841094394701	04-14-94		--	<0.05	--	--	<0.05	--	<0.05	<0.05	<0.05
STATION	NUMBER	DATE	METH-OMYL, WATER, FLTRD, GF 0.7 U REC (UG/L) (49296)	METHYL-AZIN-PHOS, WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	METHYL-PARA-THION, WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO-LACHLOR WATER, DISSOLV (UG/L) (39415)	METRI-BUZIN, SENCOR WATER, DISSOLV (UG/L) (82630)	MOL-INATE, WATER, FLTRD, GF 0.7 U REC (UG/L) (82671)	1-NAPH-THOL, WATER, FLTRD, GF 0.7 U REC (UG/L) (49295)	NAPROP-AMIDE, WATER, FLTRD, GF 0.7 U REC (UG/L) (82684)
354918094314901	04-14-94		<0.05	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
355356094374401	04-14-94		<0.05	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
360841094394701	04-14-94		<0.05	--	<0.02	--	--	--	--	<0.05	--
STATION	NUMBER	DATE	NEB-URON, WATER, FLTRD, GF 0.7 U REC (UG/L) (49294)	NORFLUR-AZON, WATER, FLTRD, GF 0.7 U REC (UG/L) (49293)	OCRESOL 4, 6-DINITRO, WAT FLT 0.7 U REC (UG/L) (49299)	ORY-ZALIN, WATER, FLTRD, GF 0.7 U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7 U REC (UG/L) (38866)	PARA-THION, DIS-SOLVED (UG/L) (39542)	PEB-ULATE, WATER, FLTRD, GF 0.7 U REC (UG/L) (82669)	PENDI-ALIN, WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS, WAT FLT 0.7 U GF, REC (UG/L) (82687)
354918094314901	04-14-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
355356094374401	04-14-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02
360841094394701	04-14-94		<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	--
STATION	NUMBER	DATE	PIC-LORAM, WATER, FLTRD, GF 0.7 U REC (UG/L) (49291)	PHORATE WATER, FLTRD, GF 0.7 U REC (UG/L) (82664)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PRON-AMIDE, WATER, FLTRD, GF 0.7 U REC (UG/L) (82676)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL, WATER, FLTRD, GF 0.7 U REC (UG/L) (82679)	PRO-PARGITE, WATER, FLTRD, GF 0.7 U REC (UG/L) (82685)	PRO-PHAM, WATER, FLTRD, GF 0.7 U REC (UG/L) (49236)	PRO-POXUR, WATER, FLTRD, GF 0.7 U REC (UG/L) (38538)
354918094314901	04-14-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
355356094374401	04-14-94		<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
360841094394701	04-14-94		<0.05	--	--	--	--	--	--	<0.05	<0.05
STATION	NUMBER	DATE	SILVEX, DIS-SOLVED (UG/L) (39762)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU-THIURON, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82670)	TER-BACIL, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82675)	THIO-BENCARB, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (82678)	TRI-CLOPYR, WATER, FLTRD, GF 0.7 U GF, REC (UG/L) (49235)	TRI-FLUR-ALIN, WAT FLT 0.7 U GF, REC (UG/L) (82661)
354918094314901	04-14-94		<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
355356094374401	04-14-94		<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
360841094394701	04-14-94		<0.05	--	--	--	--	--	--	<0.05	--

DELAWARE COUNTY, Oklahoma
Boone Formation

STATION	NUMBER	DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DEPTH OF WELL, TOTAL (FEET) (72008)	DEPTH TO BOTTOM OF SAMPLE, INTER-VAL (FT) (72016)	DEPTH OF SAMPLE, INTER-VAL (FT) (72015)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	FLOW RATE, INSTAN-TANEOUS (G/M) (00059)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
361022094374001	04-14-94	1100		80513	80020	130.00	130	130	1100	50	9.5	174
361036094480901	06-21-94	1100		80513	80020	32.00	32	--	1040	85	0.8	142
361036094480902	06-21-94	1300		80513	80020	spring	--	--	1030	--	135	114
361331094424401	04-13-94	1100		80513	80020	110.00	110	110	1165	30	8.0	84
361632094394501	04-15-94	1100		80513	80020	spring	--	--	1000	--	898	87
363246094385901	04-19-94	1100		80513	80020	spring	--	--	880	--	90	275
363359094382601	04-12-94	1100		80513	80020	173.00	173	173	930	60	7.0	496
363745094395001	04-12-94	1600		80513	80020	180.00	180	180	860	68	10	353

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

 DELAWARE COUNTY, Oklahoma--CONTINUED
 Boone Formation--continued
 WATER-QUALITY DATA

STATION	NUMBER	DATE	PH WATER FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	CALCIUM DIS- SOLVED (MG/L) AS CA (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MG (00925)	SODIUM, DIS- SOLVED (MG/L) AS NA (00930)	POTAS- SIUM, DIS- SOLVED (MG/L) AS K (00935)	ALKA- LITY TOT IT FIELD MG/L AS CAC03 (00419)	SULFATE DIS- SOLVED (MG/L) AS SO4 (00945)
361022094374001		04-14-94	6.5	25.5	16.5	7.1	31	0.82	2.9	0.80	58	4.3
361036094480901		06-21-94	6.0	31.0	16.0	7.5	22	0.60	5.2	0.30	54	2.2
361036094480902		06-21-94	6.4	31.0	18.0	7.8	17	0.96	5.1	0.60	46	2.6
361331094424401		04-13-94	5.5	13.5	15.5	3.4	9.0	0.87	4.6	0.70	18	1.2
361632094394501		04-15-94	6.0	15.0	14.0	7.7	14	0.74	2.3	1.2	24	3.2
363246094385901		04-19-94	6.6	23.0	12.5	6.3	61	0.93	1.8	0.70	139	6.2
363359094382601		04-12-94	6.9	--	15.0	1.9	100	1.2	4.3	0.30	257	7.4
363745094395001		04-12-94	7.3	12.5	14.5	6.2	73	1.3	2.1	0.90	175	7.4
STATION	NUMBER	DATE	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL (00940)	FLUO- RIDE, DIS- SOLVED (MG/L) AS F (00950)	BROMIDE DIS- SOLVED (MG/L) AS BR (71870)	SILICA, DIS- SOLVED (MG/L) AS SiO2 (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L) AS N (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L) AS N (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L) AS N (00608)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L) AS N (00623)	PHOS- PHORUS DIS- SOLVED (MG/L) AS P (00666)
361022094374001		04-14-94	4.0	<0.10	0.010	9.2	113	<0.010	1.30	0.020	<0.20	0.010
361036094480901		06-21-94	5.6	<0.10	0.050	9.6	84	<0.010	0.820	0.010	<0.20	<0.010
361036094480902		06-21-94	5.1	<0.10	0.050	9.9	73	<0.010	0.570	0.010	<0.20	<0.010
361331094424401		04-13-94	8.3	<0.10	0.060	8.1	57	<0.010	2.50	0.010	<0.20	<0.010
361632094394501		04-15-94	3.2	<0.10	0.020	9.1	66	<0.010	2.10	0.010	<0.20	0.030
363246094385901		04-19-94	3.7	<0.10	0.040	11	182	<0.010	1.00	0.020	<0.20	<0.010
363359094382601		04-12-94	5.7	<0.10	0.050	8.9	295	<0.010	1.60	0.010	<0.20	0.090
363745094395001		04-12-94	3.1	<0.10	0.020	12	225	<0.010	2.70	0.010	<0.20	<0.010
STATION	NUMBER	DATE	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L) AS P (00671)	ARSENIC DIS- SOLVED (UG/L) AS AS (01000)	IRON, DIS- SOLVED (UG/L) AS FE (01046)	MANGA- NESE, DIS- SOLVED (UG/L) AS MN (01056)	CARBON, ORGANIC DIS- SOLVED (MG/L) AS C (00681)	TRITIUM TOTAL (PCI/L) (07000)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	ACIFL- UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)
361022094374001		04-14-94	0.010	<1	120	2	0.5	13	<0.05	<0.05	<0.05	<0.05
361036094480901		06-21-94	<0.010	--	12	<1	0.3	35	<0.05	<0.05	<0.05	<0.05
361036094480902		06-21-94	0.010	<1	5	3	0.6	41	<0.05	<0.05	<0.05	<0.05
361331094424401		04-13-94	<0.010	<1	18	4	0.3	31	<0.05	<0.05	<0.05	<0.05
361632094394501		04-15-94	0.040	<1	67	1	0.7	21	<0.05	<0.05	<0.05	<0.05
363246094385901		04-19-94	<0.010	<1	6	<1	0.6	20	<0.05	<0.05	<0.05	<0.05
363359094382601		04-12-94	0.080	2	3	1	0.3	13	<0.05	<0.05	<0.05	<0.05
363745094395001		04-12-94	<0.010	<1	<3	<1	0.3	19	<0.05	<0.05	<0.05	<0.05
STATION	NUMBER	DATE	ALA- CHLOR, WATER, DISS, REC (UG/L) (46342)	ALDI- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDICA- RB SUL- FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	ALDI- CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040)	BEN- FLUR- ALIN WAT,FLT GF 0.7U REC (UG/L) (82673)	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)
361022094374001		04-14-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	1.0	0.35	<0.01	<0.05
361036094480901		06-21-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.01	<0.01	<0.05
361036094480902		06-21-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.01	<0.01	<0.05
361331094424401		04-13-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.01	<0.01	<0.05
361632094394501		04-15-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	0.77	0.03	<0.01	<0.05
363246094385901		04-19-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.00	<0.01	<0.05
363359094382601		04-12-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.01	<0.01	<0.05
363745094395001		04-12-94	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.01	<0.01	<0.05
STATION	NUMBER	DATE	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER, FLTRD, GF, REC (UG/L) (82680)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN WATER, FLTRD, GF, REC (UG/L) (82674)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	3HYDRXY CARBO- FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	CHLORO- THALO- NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)
361022094374001		04-14-94	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05	<0.05	<0.00
361036094480901		06-21-94	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05	<0.05	<0.00
361036094480902		06-21-94	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05	<0.05	<0.00
361331094424401		04-13-94	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05	<0.05	<0.00
361632094394501		04-15-94	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05	<0.05	<0.00
363246094385901		04-19-94	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01
363359094382601		04-12-94	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05	<0.05	<0.00
363745094395001		04-12-94	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05	<0.05	<0.00

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

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DELAWARE COUNTY, Oklahoma--CONTINUED
Boone Formation--continued
WATER-QUALITY DATA

STATION	NUMBER	DATE	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO- ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER, FLTRD, 0.7 U GF, REC (UG/L) (82682)	P,P' DDE DISSOLV (UG/L) (34653)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLO- BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	DI- ELDRIN DIS- SOLVED (UG/L) (39381)
361022094374001	04-14-94		<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05	<0.01
361036094480901	06-21-94		<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05	<0.01
361036094480902	06-21-94		<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05	<0.01
361331094424401	04-13-94		<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05	<0.01
361632094394501	04-15-94		<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05	<0.01
363246094385901	04-19-94		<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05	<0.01
363359094382601	04-12-94		<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05	<0.01
363745094395001	04-12-94		<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05	<0.01
STATION	NUMBER	DATE	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DISUL- FOTON WATER, FLTRD, 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	EPTC WATER, FLTRD, 0.7 U GF, REC (UG/L) (82668)	ESFEN- VAL- ERATE, WAT,FLT GF 0.7U REC (UG/L) (49298)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO- PROP WATER, FLTRD, 0.7 U GF, REC (UG/L) (82672)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	
361022094374001	04-14-94		<0.01	<0.05	<0.01	<0.05	<0.00	<0.05	<0.01	<0.01	<0.05	
361036094480901	06-21-94		<0.01	<0.05	<0.01	<0.05	<0.00	<0.05	<0.01	<0.01	<0.05	
361036094480902	06-21-94		<0.01	<0.05	<0.01	<0.05	<0.00	<0.05	<0.01	<0.01	<0.05	
361331094424401	04-13-94		<0.01	<0.05	<0.01	<0.05	<0.00	<0.05	<0.01	<0.01	<0.05	
361632094394501	04-15-94		<0.01	<0.05	<0.01	<0.05	<0.00	<0.05	<0.01	<0.01	<0.05	
363246094385901	04-19-94		<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.05	
363359094382601	04-12-94		<0.01	<0.05	<0.01	<0.05	<0.00	<0.05	<0.01	<0.01	<0.05	
363745094395001	04-12-94		<0.01	<0.05	<0.01	<0.05	<0.00	<0.05	<0.01	<0.01	<0.05	
STATION	NUMBER	DATE	FONOFOS WATER, DISS REC (UG/L) (04095)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER, FLTRD, 0.7 U GF, REC (UG/L) (82666)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MALA- THION, DIS- SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	
361022094374001	04-14-94		<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05	
361036094480901	06-21-94		<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05	
361036094480902	06-21-94		<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05	
361331094424401	04-13-94		<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05	
361632094394501	04-15-94		<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05	
363246094385901	04-19-94		<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05	
363359094382601	04-12-94		<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05	
363745094395001	04-12-94		<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05	
STATION	NUMBER	DATE	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO- LACHLOR WATER, DISSOLV (UG/L) (39415)	METRI- BUZIN SENCOR WATER, DISSOLV (UG/L) (82630)	MOL- INATE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82671)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NAPPROP- AMIDE WATER, FLTRD, GF 0.7U REC (UG/L) (82684)	
361022094374001	04-14-94		<0.05	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01	
361036094480901	06-21-94		<0.05	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01	
361036094480902	06-21-94		<0.05	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01	
361331094424401	04-13-94		<0.05	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01	
361632094394501	04-15-94		<0.05	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01	
363246094385901	04-19-94		<0.05	<0.05	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01	
363359094382601	04-12-94		<0.05	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01	
363745094395001	04-12-94		<0.05	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01	
STATION	NUMBER	DATE	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	OCRESOL 4,6- DINITRO WAT,FLT GF 0.7U REC (UG/L) (49299)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
361022094374001	04-14-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02	
361036094480901	06-21-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02	
361036094480902	06-21-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02	
361331094424401	04-13-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02	
361632094394501	04-15-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02	
363246094385901	04-19-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02	
363359094382601	04-12-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02	
363745094395001	04-12-94		<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02	

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

DELAWARE COUNTY, Oklahoma--CONTINUED

Boone Formation--continued

WATER-QUALITY DATA

STATION	NUMBER	DATE	PIC- LORAM, WATER, FLTRD, GF 0.7 U REC (UG/L) (49291)	PHORATE WATER, FLTRD, GF, REC (UG/L) (82664)	PRO- METON, WATER, FLTRD, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82676)	PROP- CHLOR, WATER, FLTRD, DISS, REC (UG/L) (04024)	PRO- PANIL WATER, FLTRD, 0.7 U GF, REC (UG/L) (82679)	PRO- PARGITE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82685)	PRO- PHAM, WATER, FLTRD, GF 0.7 U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7 U REC (UG/L) (38538)
361022094374001		04-14-94	<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361036094480901		06-21-94	<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361036094480902		06-21-94	<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361331094424401		04-13-94	<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
361632094394501		04-15-94	<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
363246094385901		04-19-94	<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
363359094382601		04-12-94	<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05
363745094395001		04-12-94	<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	<0.05

STATION	NUMBER	DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, FLTRD, DISS, REC (UG/L) (04035)	TEBU- THIURON WATER, FLTRD, 0.7 U GF, REC (UG/L) (82670)	TER- BACIL WATER, FLTRD, 0.7 U GF, REC (UG/L) (82665)	TER- BUFOS WATER, FLTRD, 0.7 U GF, REC (UG/L) (82675)	THIO- BENCARB WATER, FLTRD, 0.7 U GF, REC (UG/L) (82681)	TRIAL- LATE WATER, FLTRD, 0.7 U GF, REC (UG/L) (82678)	TRI- CLOPYR, WATER, FLTRD, GF 0.7 U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
361022094374001		04-14-94	<0.05	0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361036094480901		06-21-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361036094480902		06-21-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361331094424401		04-13-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
361632094394501		04-15-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
363246094385901		04-19-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
363359094382601		04-12-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01
363745094395001		04-12-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01

OTTAWA COUNTY, OKLAHOMA

Boone Formation

STATION	NUMBER	DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	DEPTH OF WELL, TOTAL (FEET) (72008)	DEPTH TO BOT- TOM OF SAMPLE INTER- VAL (FT) (72016)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN) (72004)	FLOW RATE, INSTAN- TANEOUS (G/M) (00059)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)
364700094385301		04-19-94	1600	80513	80020	spring	--	845	--	158	187	7.2
364939094430001		04-26-95	1000	80513	80020	spring	--	823	--	150	239	6.9
365428094441701		04-26-95	1300	80513	80020	165.00	165	790	45	10	540	7.1

STATION	NUMBER	DATE	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
364700094385301		04-19-94	27.0	13.0	9.5	33	1.5	3.5	1.5	80	6.4	5.9
364939094430001		04-26-95	11.0	13.5	5.2	44	1.4	2.5	1.7	105	5.5	3.6
365428094441701		04-26-95	15.0	16.0	2.9	72	2.8	31	2.5	156	23	25

STATION	NUMBER	DATE	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	BROMIDE DIS- SOLVED (MG/L AS BR) (71870)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L AS N) (70300)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)
364700094385301		04-19-94	<0.10	0.040	10	128	<0.010	2.60	0.020	<0.20	0.020	0.020
364939094430001		04-26-95	<0.10	0.020	12	141	<0.010	0.550	<0.015	<0.20	0.030	0.040
365428094441701		04-26-95	0.10	0.17	11	324	<0.010	12.0	<0.015	<0.20	0.030	0.030

STATION	NUMBER	DATE	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	TRITIUM TOTAL (PCI/L) (07000)	2,4-D, DIS- SOLVED (UG/L) (39732)	2,4,5-T DIS- SOLVED (UG/L) (39742)	2,4-DB WATER, FLTRD, GF 0.7 U REC (UG/L) (38746)	ACETO- CHLOR, WATER, FLTRD REC (UG/L) (49260)
364700094385301		04-19-94	--	<1	32	<1	0.6	21	<0.05	<0.05	<0.05	--
364939094430001		04-26-95	20	<1	20	2	1.3	17	<0.06	<0.01	<0.02	<0.009
365428094441701		04-26-95	<10	<1	6	2	0.9	22	<0.06	<0.01	<0.02	<0.009

STATION	NUMBER	DATE	ACIFL- UORFEN WATER, FLTRD, GF 0.7 U REC (UG/L) (49315)	ALA- CHLOR, WATER, FLTRD, DISS, REC (UG/L) (46342)	ALDI- CARB, WATER, FLTRD, GF 0.7 U REC (UG/L) (49312)	ALDICA- RB SUL- FOXIDE, WAT, FLT GF 0.7 U REC (UG/L) (49314)	ALDI- CARB SULFONE WAT, FLT GF 0.7 U REC (UG/L) (49313)	ALPHA BHC DIS- SOLVED (UG/L) (34253)	AMIBEN, WATER, FLTRD, GF 0.7 U REC (UG/L) (49307)	ATRA- ZINE, WATER, FLTRD, DISS, REC (UG/L) (39632)	DEETHYL ATRA- ZINE, WATER, FLTRD, DISS, REC (UG/L) (04040)	BEN- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82673)
364700094385301		04-19-94	<0.05	<0.01	<0.05	<0.05	<0.05	<0.01	<0.05	<0.02	<0.00	<0.01
364939094430001		04-26-95	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.02	<0.00	<0.01
365428094441701		04-26-95	<0.01	<0.01	<0.02	<0.02	<0.02	<0.01	<0.01	<0.02	<0.00	<0.01

GROUND-WATER LEVELS AND QUALITY OF GROUND WATER

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OTTAWA COUNTY, OKLAHOMA--CONTINUED
Boone Formation--continued
WATER-QUALITY DATA

STATION	NUMBER	DATE	BENTA- ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO- MACIL, WATER, DISS, REC (UG/L) (04029)	BRO- MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	BUTYL- ATE, WATER, DISS, REC (UG/L) (04028)	CAR- BARYL WATER, FLTRD, 0.7 U GF, REC (UG/L) (82680)	CAR- BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBO- FURAN, WATER, FLTRD, 0.7 U GF, REC (UG/L) (82674)	CARBO- FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	3HYDRXY CARBO- FURAN WAT, FLT GF 0.7U REC (UG/L) (49308)	CHLORO- THALO- NIL, WAT, FLT GF 0.7U REC (UG/L) (49306)
364700094385301		04-19-94	<0.05	<0.05	<0.05	<0.01	<0.05	<0.05	<0.01	<0.05	<0.05	<0.05
364939094430001		04-26-95	<0.02	<0.01	<0.02	<0.01	<0.05	<0.01	<0.01	<0.03	<0.01	<0.01
365428094441701		04-26-95	<0.02	<0.01	<0.02	<0.01	<0.05	<0.01	<0.01	<0.03	<0.01	<0.01
STATION	NUMBER	DATE	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CLOPYR- ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)	DACTHAL MONO- ACID, WAT, FLT GF 0.7U REC (UG/L) (49304)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	P, P' DDE DISSOLV (UG/L) (34653)	DI- AZINON, DIS- SOLVED (UG/L) (39572)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICHLO- BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)
364700094385301		04-19-94	<0.01	<0.05	<0.01	<0.05	<0.00	<0.01	<0.01	<0.05	<0.05	<0.05
364939094430001		04-26-95	<0.00	<0.06	<0.01	<0.02	<0.00	<0.01	<0.01	<0.02	<0.02	<0.03
365428094441701		04-26-95	<0.00	<0.06	<0.01	<0.02	<0.00	E0.00	<0.01	<0.02	<0.02	<0.03
STATION	NUMBER	DATE	DI- ELDRIN DIS- SOLVED (UG/L) (39381)	2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ESFEN- VAL- ERATE, WAT, FLT GF 0.7U REC (UG/L) (49298)	ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FEN- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)
364700094385301		04-19-94	<0.01	<0.01	<0.05	<0.06	<0.05	<0.00	<0.05	<0.01	<0.01	<0.05
364939094430001		04-26-95	<0.01	<0.01	<0.01	<0.06	<0.02	<0.00	<0.02	<0.01	<0.01	<0.01
365428094441701		04-26-95	0.06	<0.01	<0.01	<0.06	<0.02	<0.00	<0.02	<0.01	<0.01	<0.01
STATION	NUMBER	DATE	FONOFOS WATER DISS REC (UG/L) (04095)	FLUO- METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINDANE DIS- SOLVED (UG/L) (39341)	LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	MALA- THION, DIS- SOLVED (UG/L) (39532)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	METHIO- CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	
364700094385301		04-19-94	<0.01	<0.05	<0.01	<0.04	<0.05	<0.01	<0.05	<0.05	<0.05	
364939094430001		04-26-95	<0.01	<0.01	<0.01	<0.04	<0.01	<0.01	<0.02	<0.02	<0.03	
365428094441701		04-26-95	<0.01	<0.01	<0.01	<0.04	<0.01	<0.01	<0.02	<0.02	<0.03	
STATION	NUMBER	DATE	METH- OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	METO- LACHLOR WATER DISSOLV (UG/L) (39415)	METRI- BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NAPPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	
364700094385301		04-19-94	<0.05	<0.05	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01	
364939094430001		04-26-95	<0.02	<0.04	<0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	
365428094441701		04-26-95	<0.02	<0.04	0.02	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	
STATION	NUMBER	DATE	NEB- URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	OCRESOL 4,6- DINITRO WAT, FLT GF 0.7U REC (UG/L) (49299)	ORY- ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PARA- THION, DIS- SOLVED (UG/L) (39542)	PEB- ULATE WATER FLTRD 0.7 U GF, REC (UG/L) (82669)	PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER- METHIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	
364700094385301		04-19-94	<0.05	<0.05	<0.05	<0.05	<0.05	<0.02	<0.01	<0.02	<0.02	
364939094430001		04-26-95	<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	
365428094441701		04-26-95	<0.02	<0.02	<0.01	<0.02	<0.02	<0.02	<0.01	<0.02	<0.02	
STATION	NUMBER	DATE	PIC- LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRO- METON, WATER, DISS, REC (UG/L) (04037)	PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROP- CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	PRO- PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO- POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	
364700094385301		04-19-94	<0.05	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.05	--	
364939094430001		04-26-95	<0.03	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	
365428094441701		04-26-95	<0.03	<0.01	0.09	<0.01	<0.02	<0.02	<0.01	<0.01	<0.01	
STATION	NUMBER	DATE	SILVEX, DIS- SOLVED (UG/L) (39762)	SI- MAZINE, WATER, DISS, REC (UG/L) (04035)	TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI- CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	
364700094385301		04-19-94	<0.05	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.05	<0.01	
364939094430001		04-26-95	<0.02	<0.01	<0.02	<0.03	<0.01	<0.01	<0.01	<0.07	<0.01	
365428094441701		04-26-95	<0.02	<0.01	0.24	<0.03	<0.01	<0.01	<0.01	<0.07	<0.0	

CHEMICAL QUALITY OF PRECIPITATION

00040380 NATIONAL TRENDS NETWORK SITE NEAR CADDO VALLEY

PRECIPITATION QUALITY, SEPTEMBER 1992 TO SEPTEMBER 1995

LOCATION.--Lat 34°10'45", long 93°05'54", in NW1/4NW1/4 sec.36, T.6 S., R.20 W., Clark County, Hydrologic Unit 08040102, approximately 1.6 mi west of Caddo Valley.

PERIOD OF RECORD.--January 1984 to September 1993.

INSTRUMENTATION.--An automatic wet-dry precipitation collector is used to collect 7-day accumulations. The collector is equipped with a precipitation sensor which activates a motor to operate the sample bucket cover. The sample bucket remains uncovered for the duration of each precipitation event and covered during dry periods. Dryfall samples are not collected. A standard 8.0-inch recording rain gage is used to obtain onsite precipitation records.

REMARKS.--These data are part of the data for this site verified by the National Atmospheric Deposition Program/ National Trends Network (NADP/NTN) Coordinator. Additional data are available from the NADP/NTN Coordinator, Natural Resource Ecology Laboratory, Fort Collins, Colorado 80523. Data for all sites in the network are published quarterly by the NADP/NTN Coordinator's Office. Data can be obtained from the NADP/NTN home page on the World Wide Web (<http://nadp.nrel.colostate.edu/NADP>). Laboratory analyses were performed by the Central Analytical Laboratory of the Illinois State Water Survey.

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	TOTAL PRECIP- ITATION FOR DEFINED PERIOD (IN) (00193)	COL- LECTOR EFFI- CIENCY WET DEPOS. PERCENT (82284)	PH FIELD ATM DEP WET T (UNITS) (83106)	PH LAB ATM DEP WET T (UNITS) (83107)	SPEC. CONDUCT- TANCE FIELD ATM DEP WET TOT (US/CM) (83154)	SPEC. CONDUCT- TANCE LAB ATM DEP WET TOT (US/CM) (83156)
OCT 1993									
05-12	0900-0900	300	17003	0.82	95	4.58	4.62	16.0	14.1
OCT 12-19	0900-1200	300	17003	3.47	99	4.86	4.82	9.1	9.5
OCT 19-26	1200-0900	300	17003	2.23	98	4.90	4.89	9.4	9.3
OCT 26-NOV 02	0900-0900	300	17003	0.34	94	4.46	4.53	19.2	17.4
NOV 02-09	0900-0900	300	17003	0.20	78	4.37	4.35	31.2	25.2
NOV 09-16	0900-1745	300	17003	5.18	97	4.95	5.02	6.3	5.7
NOV 16-23	1745-0900	300	17003	0.0	--	--	--	--	--
NOV 23-30	0900-0900	300	17003	1.25	92	4.66	4.72	13.2	10.5
NOV 30-DEC 07	0900-0900	300	17003	6.37	97	4.88	4.86	9.4	8.0
DEC 07-14	0900-0900	300	17003	0.80	99	4.93	4.98	11.1	9.8
DEC 14-21	0900-0900	300	17003	0.22	95	4.48	4.55	24.8	23.8
DEC 21-28	0900-0900	300	17003	0.12	94	4.02	4.04	65.2	60.4
DEC 28 1993- JAN 04 1994	0900-0900	300	17003	0.06	66	--	4.01	--	57.1
JAN 04-11	0900-0900	300	17003	0.98	97	4.71	4.76	17.5	16.0
JAN 11-18	0900-0900	300	17003	1.16	101	4.52	4.47	22.1	22.4
JAN 18-25	0900-0900	300	17003	0.41	93	4.41	4.46	19.8	18.1
JAN 25-FEB 01	0900-0900	300	17003	4.01	97	4.76	4.74	9.1	9.1
FEB 01-08	0900-0900	300	17003	0.01	57	--	--	--	--
FEB 08-15	0900-0900	300	17003	0.64	93	4.50	4.56	22.1	19.7
FEB 15-22	0900-1355	300	17003	2.65	99	4.66	4.74	11.6	10.7
FEB 22-MAR 01	1355-0900	300	17003	0.67	99	4.52	4.52	14.0	16.4
MAR 01-08	0900-0900	300	17003	0.89	97	4.34	4.32	23.7	21.8
MAR 08-15	0900-0900	300	17003	1.60	95	4.52	4.60	15.4	13.2
MAR 15-22	0900-0900	300	17003	0.0	--	--	4.82	--	10.8
MAR 22-29	0900-0900	300	17003	2.82	98	4.61	4.89	14.6	11.7
MAR 29-APR 05	0900-0900	300	17003	0.01	131	--	5.21	--	17.7
APR 05-12	0900-0900	300	17003	2.42	99	4.79	5.24	13.4	9.9
APR 12-19	0900-0900	300	17003	0.02	101	--	3.85	--	111.1
APR 19-26	0900-0900	300	17003	0.87	98	4.44	4.53	21.0	18.7
APR 26-MAY 03	0900-0900	300	17003	2.40	99	4.65	4.83	10.7	9.2
MAY 03-10	0900-0900	300	17003	0.39	98	4.73	4.96	15.4	15.1
MAY 10-17	0900-0900	300	17003	1.88	99	4.66	4.66	14.7	17.2
MAY 17-24	0900-0900	300	17003	0.0	--	--	--	--	--
MAY 24-31	0900-0900	300	17003	1.57	100	4.43	4.45	18.7	19.7
MAY 31-JUN 07	0900-0900	300	17003	0.54	98	4.49	4.44	18.2	19.8

DATE	CALCIUM ATM DEP WET DIS (MG/L) (82932)	MAG- NESIUM ATM DEP WET DIS (MG/L) (83002)	POTAS- SIUM ATM DEP WET DIS (MG/L) (83120)	SODIUM ATM DEP WET DIS (MG/L) (83138)	NI- TROGEN AMMON. ATM DEP WET DIS AS NH4 (MG/L) (83047)	NI- TROGEN NITRATE ATM DEP WET DIS AS NO3 (MG/L) (83071)	CHLO- RIDE ATM DEP WET DIS (MG/L) (82944)	SULFATE ATM DEP WET DIS AS SO4 (MG/L) (83160)	PHOS- PHORUS ORTHO ATM DEP WET DIS AS PO4 (MG/L) (83111)
OCT 1993									
05-12	0.120	0.029	0.016	0.214	0.140	0.96	0.30	1.18	<0.020
OCT 12-19	0.050	0.006	0.008	0.060	0.140	0.56	0.10	0.86	<0.020
OCT 19-26	0.060	0.033	0.019	0.272	0.120	0.55	0.44	0.76	<0.020
OCT 26-NOV 02	0.200	0.023	0.022	0.028	0.190	1.15	0.05	1.62	<0.020
NOV 02-09	0.090	0.045	0.020	0.313	0.240	2.12	0.49	2.06	<0.020
NOV 09-16	0.030	0.016	0.036	0.143	0.030	0.32	0.21	0.47	<0.020
NOV 16-23	0.030	0.009	0.008	0.060	0.130	0.78	0.13	0.89	0.008

CHEMICAL QUALITY OF PRECIPITATION

00040380 NATIONAL TRENDS NETWORK SITE NEAR CADDO VALLEY--CONTINUED

PRECIPITATION QUALITY, SEPTEMBER 1992 TO SEPTEMBER 1995

DATE	CALCIUM ATM DEP WET DIS (MG/L) (82932)	MAG- NESIUM ATM DEP WET DIS (MG/L) (83002)	POTAS- SIUM ATM DEP WET DIS (MG/L) (83120)	SODIUM ATM DEP WET DIS (MG/L) (83138)	NI- TROGEN AMMON. ATM DEP WET DIS AS NH4 (MG/L) (83047)	NI- TROGEN NITRATE ATM DEP WET DIS AS NO3 (MG/L) (83071)	CHLO- RIDE ATM DEP WET DIS (MG/L) (82944)	SULFATE ATM DEP WET DIS AS SO4 (MG/L) (83160)	PHOS- PHORUS ORTHO ATM DEP WET DIS AS PO4 (MG/L) (83111)
NOV 30-									
DEC 07	0.030	0.019	0.012	0.176	0.100	0.39	0.28	0.67	<0.003
DEC 07-14	0.210	0.053	0.034	0.390	0.040	0.66	0.60	0.97	0.007
DEC 14-21	0.250	0.172	1.05	0.096	0.030	1.91	0.17	2.49	0.055
DEC 21-28	0.580	0.172	0.096	1.26	0.870	5.77	1.72	5.28	0.004
DEC 28 1993-	0.360	0.066	0.035	0.371	1.14	6.31	0.65	4.54	<0.003
JAN 04 1994	0.140	0.117	0.041	0.952	0.090	0.82	1.51	1.10	0.004
JAN 04-11	0.130	0.084	0.046	0.775	0.570	1.38	1.19	1.60	<0.003
JAN 11-18	0.060	0.020	0.017	0.224	0.170	0.98	0.38	1.49	<0.003
JAN 18-25	0.050	0.012	0.013	0.123	0.140	0.53	0.19	0.70	<0.003
JAN 25-	0.380	0.034	0.042	0.155	0.410	1.42	0.22	2.49	<0.003
FEB 01	0.040	0.013	0.014	0.114	0.170	0.62	0.17	0.88	<0.003
FEB 08-15	0.050	0.006	0.008	0.029	0.100	0.79	0.05	0.88	0.005
FEB 15-22	0.080	0.013	0.013	0.102	0.270	1.23	0.13	1.97	0.004
FEB 22-	0.100	0.019	0.017	0.131	0.170	0.77	0.21	1.24	<0.003
MAR 01	0.190	0.021	0.049	0.110	0.330	0.83	0.13	1.48	0.006
MAR 01-08	0.190	0.051	0.069	0.404	0.320	0.77	0.62	0.97	<0.003
MAR 08-15	0.550	0.285	0.357	2.00	3.00	8.91	2.37	12.6	<0.009
MAR 15-22	0.160	0.033	0.043	0.199	0.350	1.32	0.29	1.90	<0.003
MAR 22-29	0.040	0.009	0.014	0.056	0.140	0.53	0.09	0.70	<0.003
APR 01	0.380	0.047	0.084	0.139	0.680	1.72	0.24	2.06	<0.003
APR 05-12	0.070	0.026	0.050	0.167	0.500	1.14	0.26	1.49	<0.003
APR 12-19	0.100	0.015	0.016	0.075	0.280	1.28	0.11	1.83	<0.003
APR 19-26	0.050	0.013	0.018	0.088	0.260	1.40	0.13	1.46	<0.003
APR 26-									
MAY 03									
MAY 03-10									
MAY 10-17									
MAY 17-24									
MAY 24-31									
MAY 31-									
JUN 07									

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	TOTAL PRECIP- ITATION FOR DEFINED PERIOD (IN) (00193)	COL- LECTOR EFFI- CIENCY WET DEPOS. PERCENT (82284)	PH FIELD ATM DEP WET T (UNITS) (83106)	PH LAB ATM DEP WET T (UNITS) (83107)	SPEC. CONDUCT- TANCE FIELD ATM DEP WET TOT (US/CM) (83156)	SPEC. CONDUCT- TANCE LAB ATM DEP WET TOT (US/CM) (83156)
JUN 1994									
JUN 07-14	0900-0900	300	17003	0.70	95	--	4.65	23.6	21.4
JUN 14-21	0900-0900	300	17003	0.00	--	--	--	--	--
JUN 21-28	0900-0900	300	17003	0.84	100	4.52	4.46	17.6	20.2
JUN 28-									
JUL 05	0900-0900	300	17003	1.03	97	4.49	4.55	25.4	26.0
JUL 05-12	0900-0900	300	17003	1.85	100	4.80	4.85	7.9	8.0
JUL 12-19	0900-0900	300	17003	6.53	95	4.59	4.68	13.9	13.8
JUL 19-26	0900-0900	300	17003	1.82	99	4.89	4.94	11.8	11.6
JUL 26-									
AUG 02	0900-0900	300	17003	1.17	97	4.59	4.59	14.7	16.3
AUG 02-09	0900-0900	300	17003	1.65	99	4.46	4.47	17.5	18.4
AUG 09-16	0900-0900	300	17003	--	--	--	4.44	--	27.7
AUG 16-23	0900-0900	300	17003	1.65	98	4.77	4.79	10.6	10.5
AUG 23-30	0900-0900	300	17003	--	--	3.91	3.87	58.6	69.4
AUG 30-									
SEP 06	0900-1010	300	17003	2.85	99	4.48	4.43	17.5	20.1
SEP 06-13	1010-0900	300	17003	0.0	--	--	--	--	--
SEP 13-20	0900-0900	300	17003	0.20	96	4.50	4.45	17.7	18.0
SEP 20-27	0900-0900	300	17003	0.54	93	4.38	4.38	24.0	25.5
SEP 27-									
OCT 04	0900-0900	300	17003	0.0	--	--	--	--	--
OCT 04-11	0900-0900	300	17003	2.40	99	5.08	4.95	7.3	5.5
OCT 11-18	0900-0900	300	17003	2.29	94	4.79	4.71	9.4	9.9
OCT 18-25	0900-0900	300	17003	0.60	103	4.71	4.68	10.6	11.2
OCT 25-									
NOV 01	0900-0900	300	17003	0.29	88	4.68	4.66	12.8	12.6
NOV 01-08	0900-0900	300	17003	4.27	97	4.87	4.85	8.0	10.2
NOV 08-15	0900-0900	300	17003	2.22	98	4.76	4.79	12.2	11.3
NOV 15-22	0900-0900	300	17003	--	--	4.64	4.65	14.0	14.5
NOV 22-29	0900-0900	300	17003	0.27	77	4.82	4.91	26.0	24.5
NOV 29-									
DEC 06	0900-0900	300	17003	0.18	78	4.78	4.76	9.7	9.7
DEC 06-13	0900-0915	300	17003	2.69	96	4.80	4.73	8.1	10.2
DEC 13-20	0915-0900	300	17003	1.28	88	4.38	4.39	21.5	21.9
DEC 20-27	0900-0900	300	17003	0.22	95	4.33	4.39	25.6	24.1
DEC 27 1994-									
JAN 03 1995	0900-0900	300	17003	0.27	81	4.26	4.32	25.7	26.4

CHEMICAL QUALITY OF PRECIPITATION

00040380 NATIONAL TRENDS NETWORK SITE NEAR CADDO VALLEY--CONTINUED

PRECIPITATION QUALITY, SEPTEMBER 1992 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	TOTAL PRECIP-ITATION FOR DEFINED PERIOD (IN) (00193)	COL-LECTOR EFFI-CIENCY WET DEPOS. PERCENT (82284)	PH FIELD ATM DEP WET T (UNITS) (83106)	PH LAB ATM DEP WET T (UNITS) (83107)	SPEC. CONDUCT-TANCE FIELD ATM DEP WET TOT (US/CM) (83154)	SPEC. CONDUCT-TANCE LAB ATM DEP WET TOT (US/CM) (83156)	
JAN 03-10	0900-0900	300	17003	1.00	95	4.68	4.79	13.4	11.4	
JAN 10-17	0900-0900	300	17003	1.15	87	4.64	4.72	12.2	11.8	
JAN 17-24	0900-0900	300	17003	2.53	93	--	--	--	--	
JAN 24-31	0900-0900	300	17003	0.80	90	--	--	--	--	
JAN 31- FEB 07	0900-0920	300	17003	0.0	--	--	--	--	--	
DATE	TIME	CALCIUM ATM DEP WET DIS (MG/L) (82932)	MAG-NESIUM ATM DEP WET DIS (MG/L) (83002)	POTAS-SIUM ATM DEP WET DIS (MG/L) (83120)	SODIUM ATM DEP WET DIS (MG/L) (83138)	NI-TROGEN AMMON. ATM DEP WET DIS AS NH4 (MG/L) (83047)	NI-TROGEN NITRATE ATM DEP WET DIS AS NO3 (MG/L) (83071)	CHLO-RIDE ATM DEP WET DIS (MG/L) (82944)	SULFATE ATM DEP WET DIS AS SO4 (MG/L) (83160)	PHOS-PHORUS ORTHOPHOS-ATE ATM DEP WET DIS AS PO4 (MG/L) (83111)
JUN 1994 07-14	0.410	0.058	0.113	0.223	0.750	2.58	0.27	2.42	0.078	
JUN 21-28	0.260	0.030	0.063	0.035	0.260	1.56	0.10	1.72	<0.003	
JUN 28- JUL 05	0.620	0.091	0.081	0.372	0.560	2.69	0.39	2.91	0.004	
JUL 05-12	0.050	0.007	0.018	0.075	0.110	0.75	0.12	0.52	<0.003	
JUL 12-19	0.140	0.030	0.076	0.210	0.150	1.03	0.31	1.18	<0.003	
JUL 19-26	0.090	0.028	0.037	0.158	0.350	1.45	0.22	1.17	<0.003	
JUL 26- AUG 02	0.190	0.022	0.040	0.086	0.270	1.32	0.12	1.41	<0.003	
AUG 02-09	0.070	0.011	0.037	0.048	0.190	1.19	0.08	1.38	<0.003	
AUG 09-16	0.130	0.016	0.018	0.077	0.190	1.06	0.10	0.76	<0.003	
AUG 16-23	0.200	0.038	0.072	0.193	0.250	3.49	0.20	5.50	<0.003	
AUG 23-30	0.090	0.027	0.026	0.188	0.140	1.13	0.23	1.70	<0.003	
SEP 06-13	0.070	0.019	0.022	0.117	0.110	1.48	0.18	0.94	0.005	
SEP 13-20	0.200	0.017	0.027	0.020	0.500	1.42	0.06	2.78	<0.003	
OCT 04-11	0.010	0.004	<0.003	0.041	<0.020	0.18	0.07	0.34	<0.003	
OCT 11-18	0.020	0.009	0.007	0.072	0.080	0.54	0.10	0.78	<0.003	
OCT 18-25	0.030	0.008	0.011	0.090	0.080	0.83	0.15	0.68	<0.003	
OCT 25- NOV 01	0.100	0.007	0.004	0.031	0.180	0.97	0.05	1.06	<0.003	
NOV 01-08	0.070	0.024	0.032	0.195	0.140	0.47	0.32	0.91	<0.003	
NOV 08-15	0.030	0.020	0.014	0.150	0.190	0.82	0.21	0.81	<0.003	
NOV 15-22	0.170	0.030	0.091	0.161	0.210	0.71	0.27	1.63	<0.003	
NOV 22-29	0.900	0.177	0.167	1.36	0.510	1.92	1.84	3.30	0.004	
NOV 29- DEC 06	0.030	0.014	0.013	0.099	0.110	0.61	0.17	0.76	0.006	
DEC 06-13	0.020	0.008	0.013	0.082	0.110	0.59	0.14	0.80	<0.003	
DEC 13-20	0.040	0.009	0.011	0.064	0.210	1.58	0.12	1.50	<0.003	
DEC 20-27	0.130	0.060	0.017	0.297	0.380	2.10	0.41	1.92	0.005	
DEC 27 1994- JAN 03 1995	0.260	0.022	0.038	0.062	0.330	2.32	0.12	2.15	<0.003	
JAN 03-10	0.300	0.021	0.030	0.070	0.110	0.84	0.13	1.33	0.004	
JAN 10-17	0.050	0.025	0.019	0.219	0.120	0.84	0.30	0.76	<0.003	
DATE	TIME	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	TOTAL PRECIP-ITATION FOR DEFINED PERIOD (IN) (00193)	COL-LECTOR EFFI-CIENCY WET DEPOS. PERCENT (82284)	PH FIELD ATM DEP WET T (UNITS) (83106)	PH LAB ATM DEP WET T (UNITS) (83107)	SPEC. CONDUCT-TANCE FIELD ATM DEP WET TOT (US/CM) (83154)	SPEC. CONDUCT-TANCE LAB ATM DEP WET TOT (US/CM) (83156)	
FEB 1995 07-14	0920-0945	300	17003	0.06	99	--	--	--	--	
FEB 14-21	0945-0920	300	17003	1.15	98	--	--	--	--	
FEB 21-28	0920-0935	300	17003	1.77	100	4.59	4.63	14.9	13.3	
FEB 28- MAR 07	0935-0835	300	17003	0.64	98	4.61	4.70	14.0	12.5	
MAR 07-14	0835-0855	300	17003	0.60	102	4.85	4.98	10.8	10.5	
MAR 14-21	0855-0900	300	17003	0.46	94	4.85	4.72	9.5	9.0	
MAR 21-28	0900-0900	300	17003	1.42	99	4.78	5.21	13.2	8.8	
MAR 28- APR 04	0900-0900	300	17003	0.96	102	4.85	4.85	10.3	9.1	
APR 04-11	0900-0845	300	17003	2.04	102	5.00	5.02	7.1	7.1	
APR 11-18	0845-0920	300	17003	0.42	97	4.90	5.13	18.8	13.9	
APR 18-25	0920-0900	300	17003	1.06	101	5.47	6.06	13.1	12.5	
APR 25- MAY 02	0900-0900	300	17003	0.64	100	4.68	4.61	21.9	20.4	
MAY 02-09	0900-0910	300	17003	2.63	100	4.98	4.92	14.1	12.3	
MAY 09-16	0900-0800	300	17003	0.02	83	--	5.23	--	54.4	
MAY 16-23	0800-0950	300	17003	3.49	100	4.64	4.56	17.1	17.7	
MAY 23-30	0800-0950	300	17003	0.90	99	4.69	4.67	15.1	13.8	
MAY 30- JUN 06	0950-0900	300	17003							

CHEMICAL QUALITY OF PRECIPITATION

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00040380 NATIONAL TRENDS NETWORK SITE NEAR CADDO VALLEY--CONTINUED

PRECIPITATION QUALITY, SEPTEMBER 1992 TO SEPTEMBER 1995

DATE	TIME	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	TOTAL PRECIP- ITATION FOR DEFINED PERIOD (IN) (00193)	COL- LECTOR EFFI- CIENCY WET DEPOS. PERCENT (82284)	PH FIELD ATM DEP WET T (UNITS) (83106)	PH LAB ATM DEP WET T (UNITS) (83107)	SPEC. CONDUCT- TANCE FIELD ATM DEP WET TOT (US/CM) (83154)	SPEC. CONDUCT- TANCE LAB ATM DEP WET TOT (US/CM) (83156)
JUN 06-13	0900-0900	300	17003	2.65	99	4.96	4.76	12.9	12.2
JUN 13-20	0900-0900	300	17003	--	--	--	--	--	--
JUN 20-27	0900-0900	300	17003	0.53	100	4.47	4.42	29.2	28.0
JUN 27- JUL 04	0900-0830	300	17003	0.88	102	4.55	4.43	21.0	22.0
JUL 04-11	0830-0900	300	17003	1.50	99	5.51	5.95	9.3	7.7
JUL 11-18	0900-0900	300	17003	0.10	105	4.42	4.48	29.7	16.8
JUL 18-25	0900-0900	300	17003	0.10	99	4.42	4.28	32.5	29.0
JUL 25- AUG 01	0900-0900	300	17003	0.18	104	4.65	4.46	23.9	21.7
AUG 01-08	0900-0900	300	17003	0.02	91	--	4.36	--	26.6
AUG 08-15	0900-0900	300	17003	2.52	101	4.54	4.46	17.8	19.1
AUG 15-22	0900-0900	300	17003	0.05	103	4.14	4.33	50.2	32.9
AUG 22-29	0900-0900	300	17003	--	--	--	5.66	--	3.1
AUG 29- SEP 05	0900-0900	300	17003	2.64	101	4.16	4.34	32.9	25.4
SEP 05-12	0900-0915	300	17003	0.08	78	3.98	4.03	63.1	53.9
SEP 12-19	0915-0900	300	17003	0.78	98	4.58	4.60	19.6	16.0
SEP 19-26	0900-0900	300	17003	0.26	101	4.34	4.32	24.0	25.4
SEP 26- OCT 03	0900-0900	300	17003	0.19	97	4.30	4.26	44.6	30.7
DATE	CALCIUM ATM DEP WET DIS (MG/L) (82932)	MAG- NESIUM ATM DEP WET DIS (MG/L) (83002)	POTAS- SIUM ATM DEP WET DIS (MG/L) (83120)	SODIUM ATM DEP WET DIS (MG/L) (83138)	NI- TROGEN AMMON. ATM DEP WET DIS AS NH4 (MG/L) (83047)	NI- TROGEN NITRATE ATM DEP WET DIS AS NO3 (MG/L) (83071)	CHLO- RIDE ATM DEP WET DIS (MG/L) (82944)	SULFATE ATM DEP WET DIS AS SO4 (MG/L) (83160)	PHOS- PHORUS ORTHO ATM DEP WET DIS AS PO4 (MG/L) (83111)
FEB 21-28	0.060	0.018	0.018	0.144	0.190	0.83	0.21	1.20	<0.003
FEB 28- MAR 07	0.190	0.035	0.101	0.093	0.170	1.12	0.14	1.16	<0.003
MAR 07-14	0.170	0.047	0.134	0.376	0.100	0.73	0.64	0.72	<0.003
MAR 14-21	0.020	0.010	<0.003	0.063	0.030	0.81	0.10	0.46	<0.003
MAR 21-28	0.190	0.033	0.096	0.185	0.450	0.84	0.27	1.11	<0.003
MAR 28- APR 04	0.090	0.018	0.036	0.082	0.180	0.60	0.10	0.78	<0.003
APR 04-11	0.120	0.018	0.034	0.105	0.140	0.61	0.12	0.57	<0.003
APR 11-18	0.490	0.058	0.077	0.353	0.560	1.37	0.53	1.96	<0.003
APR 18-25	0.880	0.072	0.097	0.236	0.470	1.40	0.36	1.67	<0.003
APR 25- MAY 02	0.520	0.047	0.043	0.215	0.450	1.95	0.26	2.32	<0.003
MAY 02-09	0.180	0.021	0.057	0.093	0.560	1.18	0.16	1.48	<0.003
MAY 09-16	3.01	0.280	0.680	1.47	2.85	6.39	1.84	7.82	<0.014
MAY 16-23	0.150	0.029	0.038	0.185	0.360	1.24	0.26	1.73	<0.003
MAY 23-30	0.090	0.015	0.025	0.060	0.320	1.21	0.08	1.13	<0.003
MAY 30- JUN 06	0.060	0.038	0.024	0.314	0.170	0.75	0.46	0.95	<0.003
JUN 06-13	0.490	0.052	0.046	0.033	0.890	2.88	0.12	3.04	<0.003
JUN 13-20	0.200	0.014	0.033	0.029	0.440	1.93	0.10	1.71	<0.003
JUN 20-27	0.290	0.036	0.123	0.294	31.0	0.57	0.51	0.82	<0.003
JUN 27- JUL 04	0.140	0.027	0.047	0.143	0.180	1.87	0.18	0.79	<0.003
JUL 04-11	0.270	0.027	0.029	0.109	0.270	2.53	0.16	1.86	<0.003
JUL 11-18	0.290	0.055	0.064	0.322	0.270	1.66	0.42	1.82	<0.003
JUL 18-25	0.050	0.025	0.173	0.229	0.530	2.66	0.25	1.48	<0.009
JUL 25- AUG 01	0.070	0.018	0.013	0.083	0.160	0.97	0.09	1.60	<0.003
AUG 01-08	0.550	0.095	0.071	0.152	0.730	4.73	0.23	2.47	<0.003
AUG 08-15	0.040	0.009	0.138	0.217	0.090	0.23	0.29	0.07	0.093
AUG 15-22	0.090	0.009	0.012	0.014	0.440	1.42	0.06	2.38	<0.003
AUG 22-29	0.220	0.025	0.073	0.071	0.870	3.52	0.18	4.88	<0.003
AUG 29- SEP 05	0.100	0.018	0.024	0.111	0.380	1.44	0.14	1.22	<0.003
SEP 05-12	0.120	0.016	0.029	0.085	0.310	1.87	0.15	1.87	<0.003
SEP 12-19	0.110	0.043	0.045	0.298	0.480	1.96	0.30	2.88	0.004

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CONVERSION FACTORS AND VERTICAL DATUM

Multiply	By	To obtain
<i>Length</i>		
inch (in.)	2.54×10^1	millimeter
	2.54×10^{-2}	meter
foot (ft)	3.048×10^{-1}	meter
mile (mi)	1.609×10^0	kilometer
<i>Area</i>		
acre	4.047×10^3	square meter
	4.047×10^{-1}	square hectometer
	4.047×10^{-3}	square kilometer
square mile (mi ²)	2.590×10^0	square kilometer
<i>Volume</i>		
gallon (gal)	3.785×10^0	liter
	3.785×10^0	cubic decimeter
	3.785×10^{-3}	cubic meter
million gallons (Mgal)	3.785×10^3	cubic meter
	3.785×10^{-3}	cubic hectometer
cubic foot (ft ³)	2.832×10^1	cubic decimeter
	2.832×10^{-2}	cubic meter
cubic-foot-per-second day [(ft ³ /s) d]	2.447×10^3	cubic meter
	2.447×10^{-3}	cubic hectometer
acre-foot (acre-ft)	1.233×10^3	cubic meter
	1.233×10^{-3}	cubic hectometer
	1.233×10^{-6}	cubic kilometer
<i>Flow</i>		
cubic foot per second (ft ³ /s)	2.832×10^1	liter per second
	2.832×10^1	cubic decimeter per second
	2.832×10^{-2}	cubic meter per second
gallon per minute (gal/min)	6.309×10^{-2}	liter per second
	6.309×10^{-2}	cubic decimeter per second
	6.309×10^{-5}	cubic meter per second
million gallons per day (Mgal/d)	4.381×10^1	cubic decimeter per second
	4.381×10^{-2}	cubic meter per second
<i>Mass</i>		
ton (short)	9.072×10^{-1}	megagram or metric ton

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

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