OKLAHOMA

A Summary of Activities

of the

U.S. GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

in

Fiscal Years 1986-87

Compiled by John S. Havens

U.S. GEOLOGICAL SURVEY

Open-File Report 88-172

Oklahoma City, Oklahoma

1988

DEPARTMENT OF THE INTERIOR

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CODES USED IN TABLES

Station Type

CS = Crest stage and discharge
CSR = Flood hydrograph and rainfall (SR recorder)
LF = Low flow site
PR = Partial record site
QWD = Quality of water - daily
QWH = Quality of water - hourly
QWP = Quality of water - periodic
QWMP = Quality of water analyzed by another agency, published by USGS
RES = Reservoir gage operated and published by USGS
RESP = Reservoir gage operated by another agency and published by USGS
RESU = Reservoir gage unpublished
SED = Sediment sample collection
STGU = Stream gage only - unpublished
STR = Stream gage operated and published by USGS
STRP = Stream gage operated by another agency and published by USGS

Water-Quality Parameters

B = Biological
C = Chemical
N = Nutrients
O = Organic
P = Physical
R = Radiological
S = Sediment
[Some parameters not collected at the frequency indicated by Station Type.]

Stage Source

BDT = Binary decimal transmitter
OBS = Daily observer
DAR = DARDC
RES = Resident
DCP = Data collection platform (satellite transmission)

Cooperator (Coop)

A = Federal
B = U.S. Bureau of Reclamation
C = U.S. Corps of Engineers
D = Mt. Park Master Conservancy Dist.
E = Oklahoma Conservation Commission
G = USGS Cooperative Matching Funds
H = Oklahoma Dept. of Transportation
J = Oklahoma Water Resources Board
K = City of Oklahoma City
L = Grand River Dan Authority
M = Central Oklahoma Master Conservancy District*
N = Fort Cobb Master Conservancy District*
P = City of Tulsa*
Q = City of Altus*
R = City of Ada*
S = City of Sapulpa*
T = Lugert-Altus Irrigation District*
U = City of Lawton*
V = Foss Reservoir Master Conservancy
W = Operated by a neighboring state
X = Oklahoma Gas and Electric Company*
Z = City of Claremore*
b = National Park Service
c = City of Norman

* Funds provided through the Oklahoma Water Resources Board.
[Includes cooperators for period of record; some cooperators not active in FY86-87.]

Aquifer Symbols

ABCKU = Arbuckle, upper
ATCK = Atoka
ALRS = Antlers
ALVM = Alluvium
BGGY = Boggy
BOON = Boone
CDHL = Cedar Hills
ELKC = Elk City
DGCK = Dog Creek
GRBR = Garber-Wellington
MCAL = McAlester
OGLL = Ogallala
RBDX = Roubidoux
RSPG = Rush Springs
VMOS = Vamoosa

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OKLAHOMA, A SUMMARY OF ACTIVITIES OF THE U.S. GEOLOGICAL SURVEY, WATER RESOURCES DIVISION, IN FISCAL YEARS 1986-87

Compiled by

John S. Havens

ABSTRACT

This report summarizes the activities of the Oklahoma District, Water Resources Division, U.S. Geological Survey, for fiscal years 1986-87. Included are summary statements of current and recently completed projects, alphabetical and numerical listings of surface-water stations, and a bibliography of Oklahoma reports.

A MESSAGE FROM THE DISTRICT CHIEF

For approximately 50 years, the U.S. Geological Survey (USGS), Water Resources Division, has cooperated with State and local governments within Oklahoma in collecting and interpreting water-resources data for the benefit of the citizens of Oklahoma and the Nation. It has been my pleasure to have been selected as the new District Chief, effective August 1986. I am replacing James H. Irwin, who spent the past 20 years as a member of the USGS team in his home State of Oklahoma. A close relationship has been developed with State, local, and other Federal agencies to provide them with accurate and meaningful water information. I am proud of the contributions of the USGS and I plan to continue this relationship. As Oklahoma progresses, the demand for water-resources data will increase and the USGS will continue to play an important role in supplying these water-data needs.

Since the publication of our last Activities Report in 1985, a number of projects have been completed and new investigations started. Modeling studies of the the North Canadian River from Oklahoma City to Eufaula Lake and the Antlers aquifer in the southeastern part of Oklahoma have been completed.

New projects and data collection programs will continue to be concentrated on what are considered to be the most important water problems in Oklahoma. Ongoing projects include hydrogeologic studies of the Cimarron terrace deposits and the Blaine Gypsum aquifer; a study of the hydraulic and physical properties of selected shaley formations in Oklahoma; and the Central Oklahoma National Water Quality Assessment (NAWQA) project, a study of the Garber-Wellington and associated aquifers. Feasibility studies of the hydrogeology of Chickasaw National Recreation Area and of probable hazards to the environment from possible contaminants at Altus Air Force Base have been started. New surface-water gaging installations are being equipped with water-quality monitors that will collect continuous temperature, dissolved oxygen, pH, and specific conductance data. Approximately 90 of our gaging stations are equipped with data-collection platforms (DCP's) which allow us to collect near real-time data. The data are transmitted through the GOES satellite and received by the District Office computer.

This summary will be of help to those interested in the work of the USGS and its cooperating agencies. It provides a ready reference to U.S. Geological Survey publications describing the results of previous studies in Oklahoma, the current studies in the State, and the locations of the many sites where water information is being collected. To meet our State's needs for up-to-date reliable information on water resources, the USGS is proud to provide its know-how and expertise to meet this challenge.

Charles R. Burchett
District Chief
U.S. Geological Survey
Oklahoma City, Oklahoma

U.S. GEOLOGICAL SURVEY ORIGIN

The U.S. Geological Survey was established by an act of Congress on March 3, 1879, to provide a permanent Federal agency to conduct the systematic and scientific "classification of the public land, and examination of the geological structure, mineral resources, and products of national domain." An integral part of that original mission includes publishing and disseminating the earth-science information needed to understand, to plan the use of, and to manage the Nation's energy, land, mineral, and water resources.

Since 1879, the research and fact-finding role of the USGS has grown and been modified to meet the changing needs of the Nation it serves. As part of that evolution, the USGS has become the Federal Government's largest earth-science research agency, the Nation's largest civilian map-making agency, the primary source of data on the Nation's surface- and ground-water resources, and the employer of the largest number of professional earth scientists. Today's programs serve a diversity of needs and users. Programs include:

- Conducting detailed assessments of the energy and mineral potential of the Nation's land and offshore areas.
- Investigating and issuing warnings of earthquakes, volcanic eruptions, landslides, and other geologic and hydrologic hazards.
- Conducting research on the geologic structure of the Nation.
- Studying the geologic features, structure, processes, and history of the other planets of our solar system.
- Conducting topographic surveys of the Nation and preparing topographic and thematic maps and related cartographic products.
- Developing and producing digital cartographic data bases and products.
- Collecting data on a routine basis to determine the quantity, quality, and use of surface and ground water.
- Conducting water-resource appraisals in order to describe the consequences of alternative plans for developing land and water resources.
- Conducting research in hydraulics and hydrology, and coordinating all Federal water data acquisition.

- Using remotely sensed data to develop new cartographic, geologic, and hydrologic research techniques for natural resources planning and management.

- Providing earth-science information through an extensive publications program and a network of public access points.

Along with its continuing commitment to meet the growing and changing earth-science needs of the Nation, the USGS remains dedicated to its original mission to collect, analyze, interpret, publish, and disseminate information about the natural resources of the Nation--providing "Earth Science in the Public Service."

WATER RESOURCES MISSION OF THE U.S. GEOLOGICAL SURVEY

The water resources mission of the U.S. Geological Survey is to provide the hydrologic information needed by others to help manage the Nation's water resources. To accomplish its mission, the Survey, in cooperation with State and local governments and other Federal agencies:

- Collects data on a systematic basis to determine the quantity, quality, and use of surface and ground water, and the quality of precipitation.

- Conducts water resources investigations and assessments at national, State, and local scales, characterizes water resources conditions, and provides the capability to predict the impact on the resource of managerial actions, proposed development plans, and natural phenomena.

- Conducts basic and problem-oriented hydrologic and water-related research that is likely to produce knowledge useful for the resolution of water-resources problems facing the State, regions, and Nation.

- Acquires information useful in predicting and delineating water-related natural hazards from flooding, volcanoes, mudflows, and land subsidence.

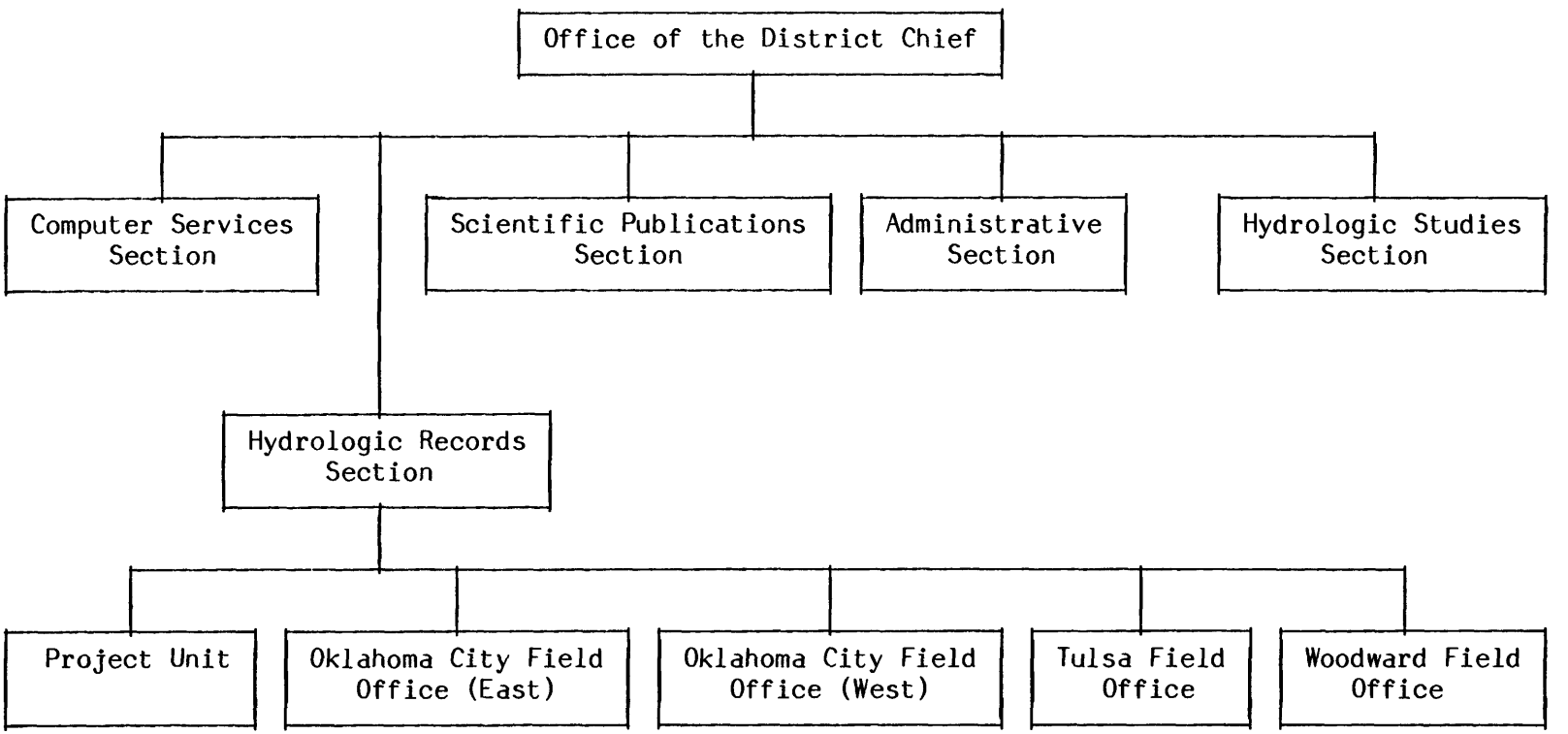
- Coordinates the activities of all Federal agencies in the acquisition of water data, and operates water informaiton centers.

- Disseminates data and the results of investigations through reports, maps, and other forms of public release.

- Provides scientific and technical assistance in hydrology to other Federal agencies, to State and local agencies, to licensees of the Federal Energy Regulatory Commission, and, on behalf of the U.S. Department of State, to international agencies.

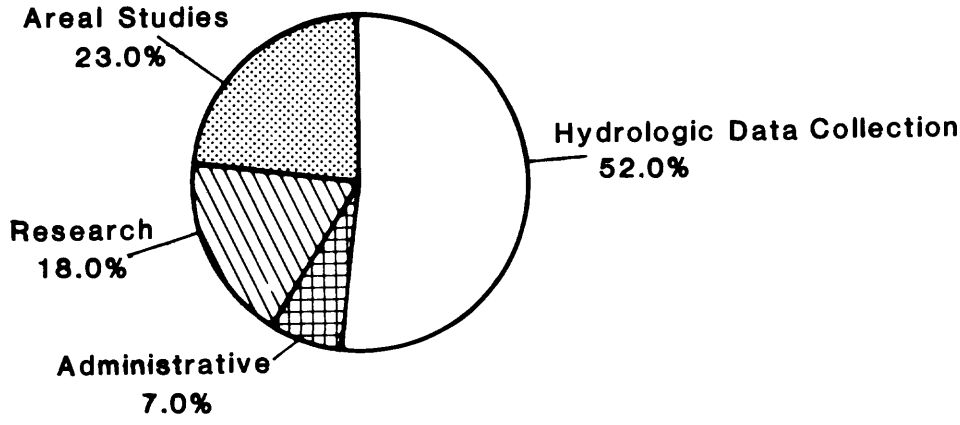
- Administers the provisions of the Water Resources Research Act of 1984 which include the State Water Resources Research Institute Program (Section 104) and the Water Resources Research Grant Program (Section 105).

OKLAHOMA DISTRICT ORGANIZATION CHART

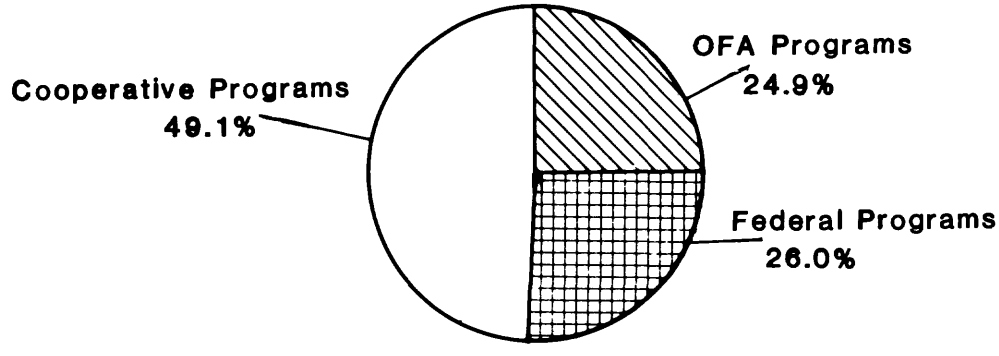


TYPES OF INVESTIGATIONS AND SOURCES OF FUNDING FOR OKLAHOMA IN 1987

Four broad categories of investigations are conducted in Oklahoma to obtain the information needed by managers and planners for the solution or alleviation of water problems in the State. These categories are: (1) Areal studies involving the appraisal of groundwater resources and river basins, (2) hydrologic data collection involving the statewide surface-water, groundwater, and quality-of-water monitoring programs, (3) research involving special studies that improve our understanding of hydrology, and (4) administration of programs involving the collection of data for national programs. The diagram below shows these investigations expressed as a percentage of the District's total work for fiscal year 1987.



The investigations shown above are supported by services and funds from three basic programs: (1) Cooperative programs with 50 percent of the funds provided by State and local agencies and the remaining 50 percent by Federal funds, (2) Federal programs with funds appropriated directly to the U.S. Geological Survey, and (3) other Federal agency programs (OFA) supported entirely by other Federal agencies. In fiscal year 1987, the financial support for these three programs in Oklahoma was about $3,030,000, distributed as follows:



LIST OF COOPERATORS

The following table lists State, local, and other Federal agencies that supported water-resources investigations in cooperation with the U.S. Gelogical Survey during fiscal years 1986-87:

State Agencies

Oklahoma Geological Survey
Oklahoma State Health Department
Oklahoma Water Resources Board
Oklahoma Pollution Control Coordinating Board
Oklahoma Department of Transportation

Local Agencies

City of Ada
City of Altus
City of Lawton
City of Oklahoma City
City of Tulsa
Central Oklahoma Master Conservancy District
Ft. Cobb Reservoir Master Conservancy District
Foss Reservoir Master Conservancy District
Grand River Dam Authority
Lugert-Altus Irrigation District
Mountain Park Master Conservancy District
Oklahoma Gas and Electric Company

Federal Agencies

Federal Emergency Management Agency
U.S. Army Corps of Engineers
U.S. Bureau of Reclamation
National Park Service
U.S. Air Force

WATER CONDITIONS IN OKLAHOMA

Oklahoma's surface and ground water range widely in their availability and quality across the State. The general characteristics of these water resources are described in a series of reconnaissance studies published as hydrologic atlases. (See list of Oklahoma reports.) Three of the atlases describe water conditions in Oklahoma Panhandle counties and the other nine atlases describe water conditions in two-degree quadrangles covering the remainder of the State (fig. 1).

Oklahoma's major aquifers include alluvium and terrace deposits, the Ogallala Formation (High Plains aquifer), and consolidated deposits that include limestone, sandstone, and gypsum (fig. 3). Significant ground-water declines have occured in some of the aquifers in the western part of the State because of extensive irrigation. This irrigation, particularly in the Panhandle, accounts for about 76 percent of the ground-water withdrawals in Oklahoma.

The distribution of water continues to be one of the major water-resource problems in Oklahoma. In general, surface water of adequate quality for most of man's uses is abundant in the eastern half of the State (fig. 2) while the western half is deficient in surface water. The eastern counties rely predominantly on surface water while the western counties rely predominantly on ground water (fig. 4).

Recent discoveries of potentially toxic chemicals in lakes, streams, and aquifers at various places in the United States has stimulated wide-spread concern for the chemical quality of the Nation's water resources, particularly ground water. The troublesome chemicals generally have been trace metals and man-made organic compounds. In Oklahoma, as nearly everywhere, few data are available to determine if these chemicals have been introduced into the State's surface and ground waters. The Geological Survey and other Federal and State agencies are expanding their efforts to identify water-quality problems, but the effort required to investigate even the major streams and aquifers throughout Oklahoma will be very large. The Oklahoma District recently began an extensive assessment of the water quality of the Central Oklahoma (Garber-Wellington) aquifer, but few wells will be sampled until summer, 1988.

Another major problem for Oklahoma is periodic flooding, which can occur almost anywhere in the State. Two extreme flood events occurred in Oklahoma during the 1987 water year. During September and October 1986, a major cold front associated with Hurricane Payne settled over the State and heavy rainfall produced greater than 100-year floods in the

northeast, north-central, and central parts of the State. In May 1987, floods occurred in the southwest, south-central, and central parts of the State.

Water-resources problems in Oklahoma have no easy solutions. The problems can be solved only by long-term comprehensive planning and management, which require reliable hydrologic information. As the State's population increases, an increasing demand will be placed on Oklahoma's water resources. The current activities of the Oklahoma District address many of the State's problems described above. These activities, which are described in the following pages, are designed to provide hydrologic data and related information necessary for the best utilization and management of both Oklahoma's and the Nation's water resources.

SUMMARY OF CURRENT AND RECENTLY COMPLETED PROJECTS

Title: SURFACE-WATER STATIONS
Leader: Hauth, Leland D.
Number: OK001

Problem: Surface-water information is needed for purposes of surveillance, planning, design, hazard warning, operation, and management, in water-related fields such as water supply, hydroelectric power, flood control, irrigation, bridge and culvert design, wildlife management, pollution abatement, flood-plain management, and water resources development. To provide this information an appropriate data base is necessary.

Objective: A. To collect surface-water data for: (1) Assessment of water resources, (2) operation of reservoirs or industries, (3) forecasting, (4) disposal of wastes and pollution controls, (5) discharge data to accompany water-quality measurements, (6) compact and legal requirements, and (7) research or special studies. B. To collect data for analytical studies of the statistical properties of, and trends in, the occurrence of surface water.

Progress: Surface-water data were collected at 186 active sites: 119 stream-gaging stations (continuous-discharge records), 30 lake gages, 7 crest-stage gages (peak-discharge records), 2 dual-digital gages (synchronous stage-rainfall with discharge hydrograph data only), 11 continuous stage-only gages, 2 continuous stage with high-flow discharge data only, and 2 miscellaneous discharge data sites (fig. 5). In addition, continuous records of discharge were computed and published from 13 gaging stations operated and maintained by the U.S. Army Corps of Engineers.

Cooperating Agencies: See codes at end of report for "COOP" given in tables 1 and 2.

Title: GROUND-WATER STATIONS
Leader: Hauth, Leland D.
Number: OK002

Problem: Long-term water-level records are needed to evaluate the effects of climatic variations on the recharge to and discharge from the State's aquifers, to provide a data base with which to measure the effects of development, and to provide data for management of the resource.

Objective: A. To collect water-level data to provide long-term records of the general response of the hydrologic system to natural climatic variations and induced stresses. B. To provide a data base against which the short-term records acquired in areal studies can be analyzed.

Progress: During the 1987 fiscal year, water levels were measured in 1,074 wells: continuous water levels were monitored at 44 sites and yearly, monthly, or quarterly measurements were made at 1,030 other sites (fig. 6 and 7).

Cooperating Agency: Oklahoma Water Resources Board

Title: WATER-QUALITY STATIONS
Leader: Hauth, Leland D.
Number: OK003

Problem: Water-resource planning and water-quality assessment require a nationwide data base of relatively standardized information. For intelligent planning and realistic assessment of water resources, chemical and physical qualities of rivers and streams must be defined and monitored.

Objective: To collect, analyze, and publish water-quality data for use by Federal, State, and local agencies involved in the planning and management of the State's water resources, and to provide data for Federal management of interstate and international waters.

Progress: Water-quality data were collected at 38 active sites: of these, 7 were equipped with minimonitors for collection of continuous data. The sites are listed in tables 1 and 2 and their locations are shown on figure 8. Five additional four-parameter mini-monitors were installed in Bird Creek.

Cooperating Agencies: Oklahoma Water Resources Board, Oklahoma Department of Health. See codes at end of report for "COOP" given in tables 1 and 2.

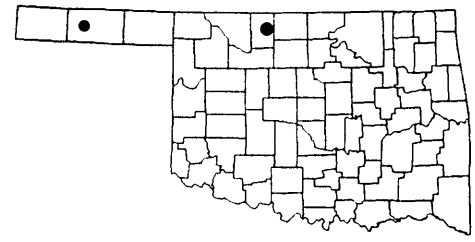
Title: SEDIMENT STATIONS
Leader: Hauth, Leland D.
Number: OK004

Problem: Water-resource planning and water-quality assessment require a nationwide data base of relatively standardized information. For intelligent planning and realistic assessment of water resources, sediment concentrations and discharges in rivers and streams must be defined and monitored.

Objective: To collect, analyze, and publish sediment data for use by Federal, State, and local agencies involved in the planning and management of the State's water resources, and to provide data for Federal management of interstate and international waters.

Progress: Sediment data are collected presently at 38 sites. These sites are listed in tables 1 and 2 and are identified under the "Water Quality Parameter" column as "S". Figure 9 shows the location of each site.

Cooperating Agencies: See codes at end of report for "COOP" given in tables 1 and 2.

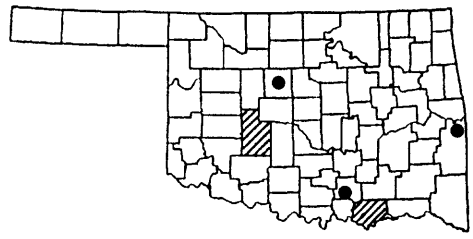


Title: NADP ACID-RAIN MONITORING STATIONS; NATIONAL TRENDS NETWORK (NTN) FOR MONITORIN
Leader: Kurklin, Joanne K.
Number: OK005

Problem: To establish long-term monitoring stations to detect and measure levels of atmospheric deposition.

Objective: To determine variations in atmospheric depositions that occur on a week-to-week basis. To collect wet and dry deposition products for analysis of elements and compounds that can contribute to chemical composition of surface waters.

Progress: Two active continuous sites are maintained.



Title: FEMA FLOOD INSURANCE STUDIES BY LIMITED DETAIL METHODOLOGIES
Leader: Tortorelli, Robert L.
Number: OK006

Problem: The 100-year recurrence-interval flood potential needs to be determined for the purposes of the National Flood Insurance Program (NFIP) in many populated areas. Because of limited funding, alternative ways of determining the 100-year profile and boundaries are being used--limited-detail methodologies.

Objective: The 100-year recurrence-interval flood will to be published as inundation maps and flood profiles for: Dover, Pocola, Tishomingo, and Bryan and Caddo Counties, Oklahoma, by use of limited detail study (LDS) methods.

Progress: The Limited-Detailed Study/Flood Insurance Studies (LDS/FIS) for Tishomingo, Pocola, and Bryan County, Oklahoma are complete. Dover is complete except for the report. The LDS/FIS for Caddo County, Oklahoma, which includes stream reaches near seven communities, was coordinated and planned.

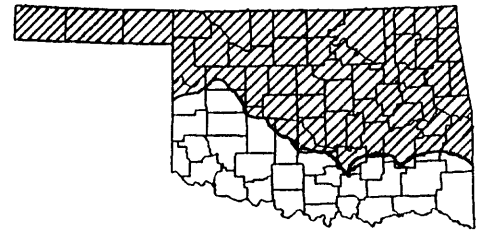
Title: OKLAHOMA WATER-USE DATA SYSTEM
Leader: May, Jayne E.
Number: OK007

Problem: Water-use data that have been collected for the State of Oklahoma are presently distributed throughout many Federal, State, and local agencies. The data are in different formats and contain different bits of information that may make the data from one agency unusable by another agency. Also, many of the available data represent aggregated water use for multiple-source water systems, rather than for single wells or stream withdrawals.

Objective: To begin the development of a comprehensive point-source water-use data collection and management system for Oklahoma.

Progress: The primary emphasis in the Oklahoma Water-Use Project for 1987 was writing the Oklahoma section of the 1987 National Water Summary (NWS) which will focus on water supply and use. In the past, the emphasis of this project has been on aggregating and processing annual reported water-use values for the National Water Use Data System (NWUDS). Beginning in 1987, the emphasis was on improving the water-use data collected

through interpretive studies. Two project proposals, one focusing on public-supply use and another on irrigation-water use, were written and submitted for consideration.



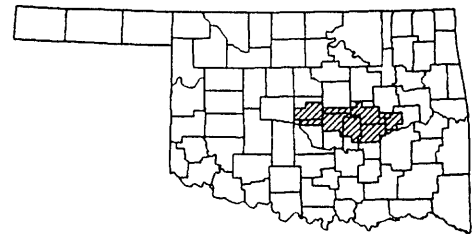
Title: CENTRAL MIDWEST REGIONAL AQUIFER SYSTEM ANALYSIS IN OKLAHOMA
Leader: Christenson, Scott C.
Number: OK062

Problem: Mesozoic and Paleozoic formations are major sources of water supplies in some parts of Oklahoma. In other parts of the State these formations contain saline water or brines. Some of the formations are oil and gas reservoirs and, at other locations, are storage reservoirs for industrial waste. A knowledge of the geohydrologic system is essential to determine the availability of the ground water and to plan maximum and orderly development of this vital resource.

Objective: (1) Describe the hydrologic system, including aquifer designation, hydraulic characteristics, and quality of the water within the regional aquifers. (2) Create a data base including water use, water levels, lithologic logs, geophysical logs, and chemical analyses of water samples. (3) Describe historic, present, and future problems associated with use of water. (4) Evaluate aquifer system responses to future conditions.

Progress: The Central Midwest Regional Aquifer System Analysis (CMRASA) project is complete except for the final report. Two reports received Director's approval in 1987, and the final report is in review. A presentation of the results of the project was made at the Oklahoma Water Resources Conference in September 1987.

Title: GEOHYDROLOGY OF THE ALLUVIUM AND TERRACE DEPOSITS OF THE NORTH CANADIAN RIVER FROM OKLAHOMA CITY TO EUFAULA LAKE, CENTRAL OKLAHOMA
Leader: Havens, John S.
Number: OK065



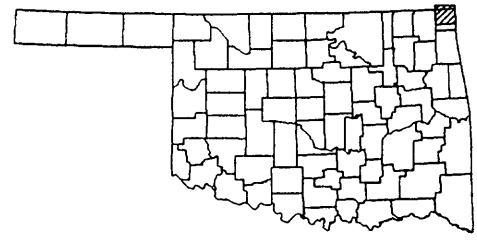
Problem: Ground water in the alluvial and terrace deposits of the North Canadian River is used for irrigation, municipal, stock, and domestic supplies. Increasing demand has made it necessary for the State to formulate a plan to manage this resource. Quantitative knowledge of the hydrologic system is necessary for proper management.

Objective: The project is an investigation designed to provide quantitative knowledge of the hydrologic system necessary to manage the aquifer effectively. Specific objectives of the project are: (1) To describe the geologic setting of the alluvial and terrace deposits along the North Canadian River, (2) to provide a quantitative description of the hydrologic system, and (3) to compute the maximum annual yield from the aquifer based on a minimum twenty-year life span.

Progress: The basic data report for the project was published as Open-File Report (OFR 84-808). The final report for the project has been written and is in review.

Cooperating Agency: Oklahoma Water Resources Board

Title: GEOCHEMISTRY OF THE TAR CREEK LEAD-ZINC AREA IN OKLAHOMA
Leader: Parkhurst, David L.
Number: OK068



Problem: Large concentrations of zinc, lead, and cadmium are found in the water in abandoned zinc mines of northeastern Oklahoma. The water is draining into Tar Creek and the Grand Lake O' the Cherokees. Also, the potential exists for downward migration of contaminants from the mines to the Roubidoux aquifer, an important water source for the area.

Objective: (1) To critically evaluate the thermodynamic data necessary to apply geochemical models to the zinc-cadmium-lead system. (2) To determine the geochemical reactions occurring

with these metals in the abandoned mines and in the surface water. (3) To model the chemical reaction of mine water mixing with ground water of the Roubidoux aquifer.

Progress: The water-analyses data have been published as Open-File Report 87-453. The sediment-analyses data report is in final preparation before review. Analysis of discharge and metal loads from the abandoned mines has been completed, culminating in a presentation at the 1987 Oklahoma Water Resources conference at Oklahoma State University. Project complete except report.

Title: AN INVENTORY OF OKLAHOMA SPRINGS
Leader: Goemaat, Robert L.
Number: OK069

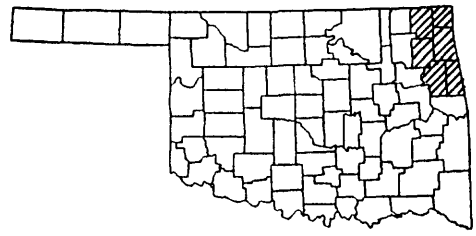
Problem: The flow in many of Oklahoma's streams is augmented in part by springflow. State agencies interested in water rights, ground water contribution to base flows, or streamflow accountability require knowledge of the location, quality and quantity of flow -- particularly in areas where large springflows occur. An annotated state-wide springs report does not exist.

Objectives: (1) Do a physical inventory of Oklahoma springs; (2) measure the discharge, pH, temperature and specific conductance; and (3) establish the relation between springflow and ground-water levels.

Progress: The project was suspended in 1986 due to lack of funds.

Cooperating Agency: Oklahoma Geological Survey

Title: DIGITAL MODEL ANALYSIS OF THE ROUBIDOUX AQUIFER IN NORTHEASTERN OKLAHOMA
Leader: Christenson, Scott C.
Number: OK070

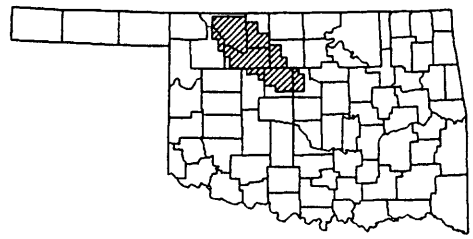


Problem: Water from the Roubidoux aquifer is used for public supplies and industrial purposes. Water users in the area are concerned about declining water levels as a result of withdrawal of water from the aquifer and the possibility of contamination of the water supply from abandoned lead and zinc mines in the northern part of the area. The possibility exists for downward migration of toxic mine waters through existing or abandoned leaky well casings or through fractures in rocks that overlie the Roubidoux aquifer.

Objective: The hydraulic properties of the formations above and below the Roubidoux aquifer are unknown. Information about the hydraulic properties of the rocks in the deep formations is needed for a better understanding of the direction and rates of ground-water flow in the Roubidoux aquifer and overlying geologic units.

Progress: The project is complete except for the report. The results of this study are being included with the results of the Roubidoux aquifer reconnaissance.

Title: GEOHYDROLOGY OF ALLUVIUM AND TERRACE DEPOSITS OF THE CIMARRON RIVER FROM NEAR THE KANSAS STATE LINE TO GUTHRIE, OKLAHOMA
Leader: Adams, Gregory P.
Number: OK072



Problem: Ground water in the alluvium and terrace deposits along the Cimarron River in northwestern Oklahoma is used extensively for irrigation, municipal, stock, and domestic supplies. Increasing demand for water from these deposits makes it necessary to have a quantitative knowledge of the hydrologic system for formulation of effective management plans. The area of study extends about 115 miles from near Freedom to Guthrie, Oklahoma. This area includes the Cimarron Terrace and associated aquifers.

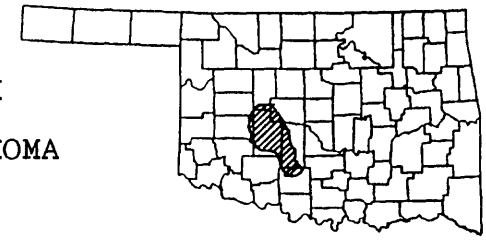
Objective: (1) To describe the geologic setting of the alluvial and terrace deposits along the Cimarron River from Freedom, Oklahoma to Guthrie, Oklahoma; (2) to estimate the quantity of water in storage and the annual recharge and the discharge from the alluvium and terrace deposits of the

Cimarron River; (3) to provide estimates of the effects of ground-water withdrawal from the aquifer by means of a digital model of the aquifer-river system; and (4) to identify sources of existing and potential natural saline pollution.

Progress: A comprehensive work plan has been completed for the project. Outlines for the data and interpretive reports have been prepared. Two continuous water-level recorders were established near the Cimarron River to provide aquifer diffusivity data. A monthly water-level network of 57 observation wells was established to record fluctuations in water levels during the study. In September 1987 a low-flow seepage measurement was conducted on the Cimarron River project area; several samples were collected to be analyzed for common ions and trace constituents. Approximately 60 percent of historical ground-water data for domestic, municipal, commercial,industrial, and irrigation wells has been entered in Ground-Water Site Inventory (GWSI). Hydrographs for water-level network wells and multiple-record wells have been compiled.

Cooperating Agency: Oklahoma Geological Survey

Title: NUMERICAL SIMULATION OF SATURATED THICKNESS AND STORAGE CHANGES RESULTING FROM PROJECTED PUMPING FROM THE RUSH SPRINGS-MARLOW AQUIFER, SOUTHWESTERN OKLAHOMA
Leader: Morton, Robert B.
Number: OK073



Problem: Since 1950, an estimated 1,500 large capacity irrigation wells have been drilled in the Rush Springs-Marlow aquifer. Well densities in the most intensively developed areas may be as much as four or five wells per square mile. The future economy of the area is dependent upon the sensible use and management of the water resources that are derived mostly from the Rush Springs-Marlow aquifer.

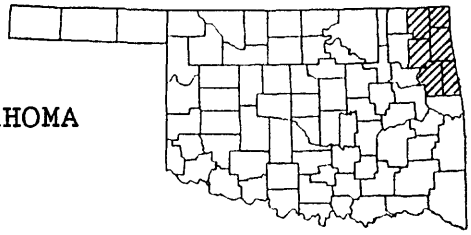
Objective: The proposed study will give a better understanding of the hydrogeology of the Rush Springs-Marlow aquifer; will analyze the effect of present and future pumping on the aquifer; and will aid in the management and use of the Rush Springs-Marlow aquifer.

Progress: A base map was prepared. Maps showing the elevation of the potentiometric surface and the elevation of the base of the aquifer were completed. Ground-water samples were collected for quality-water analysis from 138 wells. The median dissolved-solids value is 450 mg/l based on specific conductance readings. Site-schedule data for the 138 sample

sites plus site-schedule data for 63 earlier ground-water sites have been entered in Ground Water SIte INventory (GWSI). The project has been suspended due to the lack of funding.

Cooperating Agency: Oklahoma Geological Survey

Title: HYDROGEOLOGIC AND GEOCHEMICAL STUDY OF THE ROUBIDOUX AQUIFER IN THE VICINITY OF THE PICHER MINING FIELD, NORTHEASTERN OKLAHOMA
Leader: Christenson, Scott C.
Number: OK074



Problem: Most of the water supply for extreme northeastern Oklahoma is obtained from fractured sandstone and dolomite units in the Roubidoux Formation and associated formations of Cambrian and Ordovician ages. The demand for water from the principal aquifer, the Roubidoux, is expected to increase in proportion to the population growth of the area. There is concern that the Roubidoux, which averages 150 feet thick and lies between 800 and 1,000 feet below land surface, may be subject to contamination from abandoned mines of the Picher field. Water in the underground lead-zinc mines contains large concentrations of iron, zinc, cadmium, and lead. The contaminated water may migrate from the mines to the Roubidoux through abandoned water wells. A multi-agency effort to locate and plug all such wells began in late 1984. Participation in this effort will provide information in support of other ongoing investigations of the hydrogeology of the Roubidoux aquifer and of the geochemical mechanisms involved in the contamination of surface and ground waters in the vicinity of the Picher mining field.

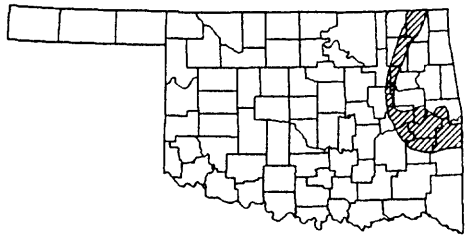
Objective: To determine the geologic, hydraulic, and chemical characteristics of the Roubidoux Formation and of the overlying formations that separate the Roubidoux from the mined interval. Specific objectives are to: (1) Obtain a suite of geophysical logs for each abandoned well prior to plugging; (2) recondition selected abandoned wells in order to construct a production well and several observation wells; (3) perform aquifer tests to determine hydraulic properties and leakage characteristics of the Roubidoux; and (4) collect water samples for chemical and isotope analyses to determine the geochemical evolution and age of water in the Roubidoux.

Progress: Attempts at converting old Roubidoux production wells into monitoring wells were unsuccessful. Many of the old wells could not be cleared to the Roubidoux Formation, and the wells that could be cleared were not located in positions that were suitable for an aquifer test. Therefore, the aquifer tests and sampling of wells could not be done. The wells that were cleared were logged with the District's geophysical

logger. A DISPLA program was written to plot the digitized geophysical logs in report-ready format. Project complete except report.

Cooperating Agency: Oklahoma Water Resources Board

Title: LIMNOLOGY OF SELECTED COAL-MINE PONDS IN THE COAL-MINING REGION OF EASTERN OKLAHOMA
Leader: Parkhurst, Renee S.
Number: OK075

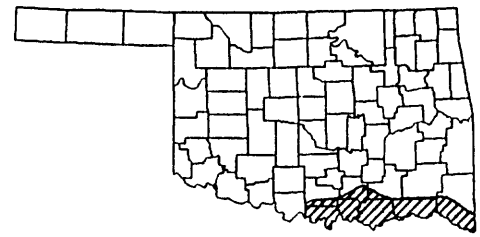


Problem: Information is not available on the limnological characteristics of mine ponds or other man-made ponds in the coal-mining region of eastern Oklahoma. Limnological information is needed to manage this water resource created by strip mining, and to further understand the limnological processes occurring in mine ponds.

Objective: (1) Describe the limnological characteristics of the strip-mine ponds and other ponds in the area not associated with coal mining. (2) Determine if the limnological characteristics of strip-mine ponds are significantly different from those of other ponds. (3) Determine if the limnological characteristics of strip-mine ponds are significantly different among (a) those associated with different coal seams, (b) those associated with different mining and reclamation practices and (c) those of different ages. (4) Intensively study selected strip-mine ponds and non strip-mine ponds to develop an understanding of hydrologic, chemical, and biological processes occurring within the ponds as well as the interrelationships among these processes.

Progress: The final sampling for the project was completed in 1987. All available data have been entered into computerized data files. Some preliminary statistical analyses have been made. Bathometric maps have been completed for one-third of the ponds. The rest of the maps are being completed. A report on the suitability of the strip-mine ponds for various uses is in review. The final interpretive report is being prepared.

Cooperating Agency: Oklahoma Geological Survey



Title: SIMULATED EFFECTS OF PROJECTED WATER USE ON THE ANTLERS AQUIFER, SOUTHEASTERN OKLAHOMA
Leader: Morton, Robert B.
Number: OK076

Problem: The Antlers Sandstone (Lower Cretaceous underlies an area of about 4,400 square miles in southeastern Oklahoma. In terms of volume of water in storage, the Antlers is one of the State's most important sources of fresh water. As ground-water supplies in other parts of the State become fully appropriated or become unsuitable for use due to lift requirements or quality considerations, the impetus for interbasin transfer of Antlers water will mount. The U.S. Army Corps of Engineers (USCOE) has made water-use projections for the area that span a period of several decades. The Corps has asked the U.S. Geological Survey (USGS) to simulate the effects of the projected water use on the Antlers aquifer.

Objective: Simulate the effects that projected water use would have on the Antlers aquifer and present the results in a format that is readily usable by water-management agencies. The specific objectives are to: (1) Complete the data base assembled for earlier studies by incorporating new stratigraphic and hydrologic data; (2) adapt previously constructed data matrices, with appropriate changes in boundary conditions and parameter clarification for use with the modular ground-water model; (3) perform model simulations using projected water withdrawal rates provided by the Corps; and (4) present the results of the simulations as maps and tables that depict pertinent hydrologic information for each decennial year from 1990 to 2040.

Progress: The final report has been submitted for Headquarters approval.

Cooperating Agency: U.S. Army Corps of Engineers

Title: ANALYSIS OF THE GROUND-WATER LEVEL OBSERVATION-WELL NETWORK FOR OKLAHOMA
Leader: Runkle, Donna L.
Number: OK078

Problem: The U.S. Geological Survey (USGS) and Oklahoma Water Resources Board cooperatively operate a state-wide ground-water-level observation-well network that, in 1984, consisted of 1,083 wells, 37 of which are measured

continuously. Nearly all the rest are measured annually. About 40 percent of the wells are located in the four Oklahoma counties that are underlain by the Ogallala aquifer. In contrast, 29 of the remaining 73 counties have only one or two network wells. The disproportionate distribution of wells has occurred mainly because the the ground-water network project has lacked a detailed, carefully considered set of objectives. Additions to and deletions from the network generally are made each year, but a sound rationale for doing so was not always apparent.

Objective: (1) Establish specific objectives for the ground-water level monitoring network. (2) Determine the optimum number and location of wells that are needed to meet those objectives. (3) Evaluate the existing network to see which wells should be retained according to this determination. (4) Develop a plan to remedy the deficiencies in the reworked network to bring it into compliance with the newly developed network objectives.

Progress: An extensive literature search was conducted on network design/analysis; a project work plan and an annotated outline of report and figures was prepared; a base map for study was ordered; possibilities were explored for using kriging methods to thin out dense water-level network wells, yet maintain optimum data collection. The project was suspended due to lack of funding.

Cooperating Agency: Oklahoma Water Resources Board

Title: STREAMFLOW STATISTICS FOR OKLAHOMA STREAMS
Leader: Tortorelli, Robert L.
Number: OK079

Problem: Most statistical data on streamflows in Oklahoma have not been published using a common period of record. Ten years of additional data have been collected since the last statistical publication. More current statistics are needed for use in design problems.

Objective: Compute streamflow statistics using most current data and publish in one publication.

Progress: Statistical summaries of streamflow at 148 gaging stations are presented in the final report. Summaries are presented for all stations having at least 10 years of data. Streamflow records for 70 of the 148 stations include regulated periods and data for these periods were analyzed separately to account for changes in streamflow due to regulating structures. For each gaging station, a brief description of the location, period of record, and drainage area is given. For those

stations with regulated streamflow, a brief regulation history is given. This information is followed by tables of monthly and annual flow statistics, low- and high-flow frequency statistics, peak-flow frequency statistics, and flow-duration statistics. Also, daily flow-duration hydrographs are included for most stations. The final report received Director's approval in September. Project is completed.

Title: HYDROGEOLOGIC CHARACTERISTICS OF SELECTED SHALEY FORMATIONS IN OKLAHOMA
Leader: Overton, Myles D.
Number: OK080

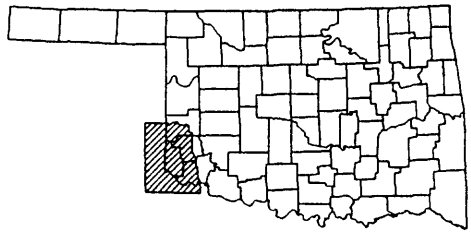
Problem: American industry produces millions of tons of potentially hazardous waste each year. In Oklahoma, industrial wastes are disposed of by near-surface burial and subsurface injection. Only one burial site currently is licensed in Oklahoma, but pressure is mounting for the selection and approval of other sites. In a recent reconnaissance study of the geology of rocks in Oklahoma that may be suitable for the disposal of hazardous waste, it was concluded that thick shales would be most favorable for near-surface burial of wastes. Few data are available, however, on the hydraulic properties of shales and little is known of the role of shales in ground-water flow systems.

Objective: (1) Conduct literature search on the hydrology of shales; (2) determine which physical properties of shale may be used as a relative index of permeability and fracture tendency; (3) select four representative shales for study, map the outcrop areas, and describe the detailed geology of rocks at the test sites; (4) evaluate the hydraulic and selected physical properties of the shales; (5) evaluate the fracture tendency of shales and the resulting effect on ground-water flow; (6) using digital models, estimate rates of ground-water flow through shales under realistic boundary conditions; and (7) suggest hydrogeologic and physical criteria or guidelines for use in evaluating the suitability of shales for waste disposal.

Progress: All necessary equipment has been received for slug testing. Core sampling and slug testing has been done at three of the four selected sites. Core samples have been delivered to the laboratory for physical analysis and determination of hydraulic conductivity. Programs to simplify development of slug-test curves and plotting of geophysical-log data have been developed to reduce analysis time.

Cooperating Agency: Oklahoma Geological Survey

Title: HYDROGEOLOGY OF THE BLAINE AQUIFER AND ASSOCIATED UNITS IN SOUTHWESTERN OKLAHOMA
Leader: Runkle, Donna L.
Number: OK081



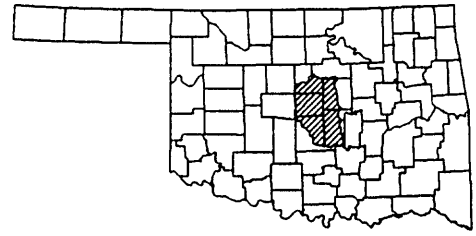
Problem: The Blaine aquifer consists of cavernous gypsum and dolomite beds interlayered with shales in the Permian Blaine Formation in Harmon, Jackson, and Greer Counties in southwestern Oklahoma. Ground water from the Blaine supports a local agriculture based mainly on irrigated cotton, corn, and wheat. Declining water levels in parts of the Blaine aquifer are evidence that water is being withdrawn at rates greater than it is being replenished. To help alleviate the situation, the Blaine aquifer has been artificially recharged since about 1961. The aquifer is recharged at more than 60 different locations by diverting streamflow and storm runoff into sink holes and wells. Water in the Blaine aquifer is not used for human consumption because of the large dissolved-solids concentrations. The calcium sulfate type water in the Blaine is acceptable for irrigation of salt-tolerant crops.

Objective: (1) Evaluate and map the stratigraphy and structure of the Blaine Formation and all geologic units in the study area; (2) evaluate the hydrology of the Blaine Formation and adjacent units; (3) determine the distribution of major and selected trace and organic (agriculturally applied) chemical constituents in the aquifers; (4) analyze the effects that extensive irrigation development and the artificial recharge program have had on the quantity and quality of water in the Blaine and associated aquifers; and (5) determine if opportunities exist for additional artificial recharge.

Progress: Historical ground-water, water-quality, and stream-discharge data have been compiled; aerial inventory of irrigation wells was completed; a monthly measured water-level network of over 125 wells was established; 11 continuous water-level recorders and 5 precipitation gages were installed; vibration time totalizers were installed on 25 wells to collect water-use data; a seepage run was conducted; discharge measurements were made at 7 sites on major streams; 24 test holes were drilled for geologic, water-level, and water-quality data; water samples were collected from wells and the water was analyzed for common ions, trace metals, and selected radiochemical and organic compounds; and geophysical logs were run on 25 open wells.

Cooperating Agencies: Oklahoma Water Resources Board, Oklahoma Geological Survey

Title: CENTRAL OKLAHOMA (GARBER-WELLINGTON) AQUIFER NATIONAL WATER QUALITY ASSESSMENT (NAWQA) PROGRAM
Leader: Christenson, Scott C.
Number: OK082

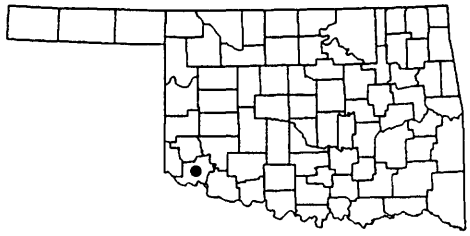


Problem: The Garber-Wellington aquifer and associated alluvial and terrace aquifers (collectively referred to as the Central Oklahoma aquifer) underlies about 3,000 square miles of central Oklahoma and is used for municipal, industrial, and domestic water supplies for most of the metropolitan area outside of Oklahoma City proper. Although pumpage from the aquifer has increased dramatically in recent years and water levels have declined, the principal threat to the continued viability of the Garber-Wellington aquifer is water-quality degradation. Salt water upconing in heavily pumped areas, natural occurrences of radioactive elements, and scattered occurrences of arsenic, chromium, and selenium in excess of the primary drinking-water standards are not uncommon. Urban development over much of the aquifer, particularly on the unconfined recharge area, has had major impacts. Infiltration of polluted urban runoff, leakage from underground storage tanks (containing hydrocarbons and industrial chemicals), percolation from poorly designed and closely spaced septic systems, and disposal of industrial waste are among the "urbanization" problems. Other problems are artifacts of central Oklahoma's history of oil and gas production--seepage from waste pits, leakage through defective well casing, improper brine disposal, and cross-contamination in improperly plugged or unplugged abandoned wells.

Objective: The Central Oklahoma (Garber-Wellington) Aquifer National Water Quality Assessment (NAWQA) has two related objectives. The first objective is to study water-quality problems that affect the beneficial uses of ground water within the study area. The second objective is to develop, test, and improve methods for performing regional assessments of ground-water quality, with an emphasis on nation-wide transfer value of the methods. Special importance will be placed on: (1) The design of the sampling strategy, and (2) the method used to estimate the likelihood and extent of water-quality problems.

Progress: A planning report was given Director's approval and published. A detailed work plan was developed and approved. Data describing the water quality of the Central Oklahoma aquifer have been collected from many sources and have been placed on the Oklahoma District's computer. Water samples have been collected for geochemical investigations. Structure-contour maps have been prepared for the major strata in the study unit. A ground-water model has been prepared. Soil samples were collected for solid-phase analysis.

Title: ALTUS AIR FORCE BASE HYDROLOGY: RECONNAISSANCE AND PRESURVEY PHASE
Leader: Stoner, Jerry D.
Number: OK083



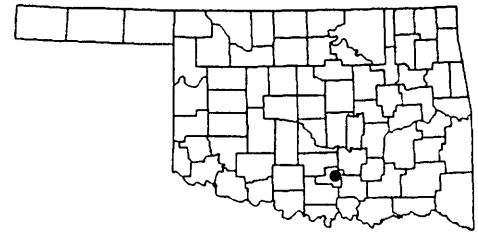
Problem: Altus Air Force Base (AFB) is among the priority sites scheduled for hazardous waste cleanup as part of the Installation Restoration Program (IRP) of the U.S. Air Force. Three sites on the Base were identified during the IRP Phase I study as having potentially hazardous waste. Two sites are fire training areas that may have been repositories for virtually any kind of combustible waste, liquid or solid, since the Base was established during WWII. The other site is a fuel depot that has been subject to an unknown volume of jet fuel spillage and leakage. The Base does not overlie a major aquifer. The Permian shales of the Hennessey Group underlie all but the extreme northern part of the Base. A few feet of Quaternary terrace deposits overlie the Hennessey in that area. The Air Force must assure that whatever contaminants have entered the ground do not migrate from the immediate vicinity of the disposal sites.

Objective: This study is a preliminary investigation, or a "presurvey," to determine the scope of work, and the associated costs, that would be required to conduct a comprehensive assessment of the degree of contamination at the sites, the areal extent of contamination, the ultimate fate of the contaminants in the hydrosphere, and the probable health risks associated with their existence. The final product of this study will be a report that details an investigative approach and the anticipated costs to conduct such an assessment.

Progress: The "presurvey" report was completed and submitted to the U.S. Air Force (USAF). The U.S. Air Force prepared a Statement of Work for the Installation Restoration Program Phase II stage 1 study at Altus AFB. The Phase II study is expected to begin at the end of FY87. The "Presurvey" project is completed.

Cooperating Agency: U.S. Air Force

Title: PRELIMINARY INVESTIGATION OF THE HYDROGEOLOGY OF THE CHICKASAW NATIONAL RECREATION AREA
Leader: Hanson, Ronald L.
Number: OK084



Problem: Spring and stream discharges in the Chickasaw National Recreational Area, located in south-central Oklahoma, have decreased significantly. In 1906, 33 springs flowed in the Park benefitted from 33 flowing springs but in 1987 only 5 springs have sustained flow. Reduced discharge from these springs and periodic cessation of flow in the two streams flowing through the Park have been attributed to increased pumping from the Simpson-Arbuckle aquifer that underlies the Park. Recorded ground-water level declines in the area suggest that two major springs are expected to dry up within 10 years and that all remaining springs in the Park will cease to flow within 40 years. Increased stresses on the system are anticipated when eight new wells upgradient from the Park become operational.

Objective: To collate the hydrogeologic data presently available for the Simpson-Arbuckle Aquifer and overlying surface waters in the Park and to evaluate the adequacy of these data for fully describing the surface-water/ground-water system associated with the area. If this evaluation shows that a more comprehensive study is warranted, a detailed study plan will be prepared describing the approach necessary to obtain a complete understanding of the system and the projected impacts of changes on the system as a result of potential hydrologic stresses imposed on the system.

Progress: All available reports describing the geology and hydrology of the area have been read and studied. The data include precipitation, streamflow, ground-water levels, surface-water quality, and ground-water quality data. The existing information shows that a more detailed study is required to adequately describe the hydrologic system in and adjacent to the Park. Four detailed project proposals---each outlining different levels of work effort but having scientific integrity in and of themselves---have been prepared and submitted to the National Park Service (NPS) for their consideration. A report describing the results of this preliminary investigation is being prepared. Project complete except report.

Cooperating Agency: National Park Service

Title: FACILITATING THE ANALYSIS OF GROUND-WATER SYSTEMS USING A GEOGRAPHIC INFORMATION SYSTEM
Leader: Scott, Jonathon C.
Number: OK085

Problem: Ground-water hydrologists need sophisticated computer software to aid them in the analysis of ground-water systems. Geographic Information Systems (GIS) provide powerful map-making and analysis capability, however, system-integration programming is needed to transform this software into a productive tool.

Objective: (1) Develop software to transport water-quality and ground-water site-inventory data in the Geographic Information System (GIS). (2) Develop software to choose a set of arealy distributed sampling locations for a stratified set of polygons describing the study area. (3) Develop software to assist in visualizing the results of finite-difference numerical simulations using the Modular Ground-Water Flow Model. (4) Develop software to aid in the establishment of relations between land use and ground-water quality using statistical methods.

Progress: Software development has been completed for three of the four objectives. These products are now being used and tested. Transport of data from the National Water Information System (NWIS) into a Geographic Information System (GIS), transport of contoured data into a GIS, and an algorithm for stratified random sampling have been prepared.

OTHER DISTRICT ACTIVITIES IN SUPPORT OF THE STATE'S WATER PROGRAMS

As part of the Geological Survey's responsibility to provide hydrologic information to all water users, the Survey participates in numerous other activities in addition to the regular Federal and State cooperative programs of hydrologic data collection and analysis. These other activities include involvement in various water-related committees and task forces, the review of technical reports on hydrology prepared by other agencies and universities, answering requests for hydrologic data and related information, and presenting information to schools, civic groups, and other interested groups on the water resources of Oklahoma and the Nation. Some of the current special activities are:

Committee Activities--Members of the Oklahoma District staff participate in various technical committees and task forces dealing with water problems. Included are: (1) The Governor's Coordinating Committee on Water Resources Research; (2) a ground-water committee to develop water-quality standards for Oklahoma's major aquifers; (3) a water-quality advisory board that reviews the State's ambient surface-water quality monitoring network, selects stream- and lake-sampling sites, determines constituents sampled, and establishes sampling frequency; (4) the Board of Trustees of the Applied Systems Institute, a non-profit corporation established to promote scientific and educational information and research and development in meteorology and hydrology; (5) three interstate river compact commissions; (6) a Rural Abandoned Mine Program (RAMP) committee, which selects for reclamation abandonded surface mines based on their hazard to life and health; and (6) an American Society of Civil Engineers' task committee on water requirements of native vegetation.

Special Activities--Beginning in 1984 the Geological Survey published the first of an annual series of Water-Supply Papers, "National Water Summary", describing the conditions, trends, availability, quality, and use of the Nation's water resources. Each of these reports contains a chapter devoted to Oklahoma. In addition to yearly hydrologic events, the reports address: water issues (1983), selected water-quality trends and ground-water resources (1984), surface-water resources (1985), ground-water quality (1986, unpublished), and water supply and demand (1987, unpublished).

During water year 1987, considerable effort was devoted to collecting flood data for two separate floods during the period from September 25 to October 8, 1986. Discharges for these events exeeded the 100-year recurrence interval at many sites in the central, south-central, and northeastern parts of the

State. Many reservoirs in northeastern Oklahoma operated and maintained by the U.S. Corps of Engineers, Tulsa District, were filled to near capacity by the September 25 to October 8 flooding, and ensuing releases caused flooding downstream. The Oklahoma District, as a result of this flooding, also began upgrading many streamflow gaging stations, in cooperation with the Corps of Engineers, at sites above and below major reservoirs in eastern Oklahoma so that even during a "probable maximum flood," stage and discharge records may be obtained.

OKLAHOMA REPORTS BY U.S. GEOLOGICAL SURVEY AND COOPERATING AGENCIES

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PROFESSIONAL SOCIETIES' ABSTRACTS AND MISCELLANEOUS REPORTS
MISCELLANEOUS

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The Oklahoma District also manages the following data information services that provide water-resources data in an easy-to-use and readily available form:

NAWDEX (NAtional Water Data EXchange) provides information on the location and types of data available on water and related subjects. (District contact for this information is Lionel D. Mize.)

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(District contacts for this information are Joanne K. Kurklin and Donna L. Runkle.)

General information on Oklahoma water resources and publications:

For general information of water resources and availability of publications dealing with Oklahoma, contact:

Charles R. Burchett, District Chief
U.S. Geological Survey, Water Resources Division
Rm. 621, 215 Dean A. McGee Avenue
Oklahoma City, OK 73102
(405) 231-4256

Table 1.--*Alphabetical listing of current and historical gaging stations maintained by the U.S. Geological Survey*
September 30, 1987
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07243550	Adams Ck nr Beggs	CS			HG	5.90	1965-85
07243550	Adams Ck nr Beggs	CSR				5.90	1965-76
07242160	Alabama Ck nr Weleetka	CS			HGJ	16.5	1965-
07242160	Alabama Ck nr Weleetka	CSR				16.5	1965-83
07329849	Antelope Springs at Sulphur	STR			b		1986-
07232650	Aqua Frio Ck nr Felt	CSR				31.0	1964-75
07229430	Arbeca Ck nr Allen	CS				2.26	1964-74
07329890	Arbuckle L nr Dougherty	RES		DCP	C		1986-
07242340	Arcadia L nr Arcadia	RES		DCP	C		1986-
07164210	Ark R at Keystone L. TW	STGU		DCP	C		
07194551	Ark R at Weber Falls L D	QWD	CP			97049.	1949,57-63
07194551	Ark R at Weber Falls L D	STGU			C	97049.	1986-
07194550	Ark R at Weber Falls L D (US)	STGU		DCP	C	97049.	1986-
07164400	Arkansas R Sand Springs Br nr Tulsa	QWH	BCNP			74615.	1946-77
07164400	Arkansas R Sand Springs Br nr Tulsa	QWMP	CNP			74615.	1976-77
07164400	Arkansas R Sand Springs Br nr Tulsa	SED	S			74615.	1974-77
07146500	Arkansas R at Arkansas City KS	STRP				43713.	1955-76
07146500	Arkansas R at Arkansas City KS	QWD	CNP	BDT	W	43713.	1952-
07146500	Arkansas R at Arkansas City KS	QWMP	CNP			43713.	1972-75
07165520	Arkansas R at Bixby	QWD	CP				1949
07250550	Arkansas R at Dam 13 nr Van Buren	QWMP	CNP			150547.	1976-77
07148128	Arkansas R at Kaw City	QWD	CNP			8670.	1949-51
07165610	Arkansas R at Muskogee	QWP	CP				1957,62,63
07152500	Arkansas R at Ralston	STR		DCP	C	54465.	1925-
07152500	Arkansas R at Ralston	QWH	BCNP			54465.	1950-63,65-80
07152500	Arkansas R at Ralston	QWMP	CNP			54465.	1973-79
07152500	Arkansas R at Ralston	SED	S		CAE	54465.	***1973-
07152500	Arkansas R at Ralston	QWP	BCNP		CAE	54465.	1981-
07152500	Arkansas R at Ralston	QWD	P	OBS	CA	54465.	1950-63,68-
07164500	Arkansas R at Tulsa	STR		DCP	C	74615.	1925-
07164500	Arkansas R at Tulsa	QWH	BCNP	OBS	CA	74615.	1960-61,77-80
07164500	Arkansas R at Tulsa	QWMP	CNP			74615.	1977
07164500	Arkansas R at Tulsa	SED	S		A	74615.	1977-
07164500	Arkansas R at Tulsa	QWP	BCNP		CA	74615.	1960-61,81-
07164500	Arkansas R at Tulsa	QWD	P		C	74615.	1977-
07250500	Arkansas R at Van Buren AR	QWP	CP			150482.	1960-61
07250500	Arkansas R at Van Buren AR	QWMP	CNP			150482.	1973-75
07250500	Arkansas R at Van Buren AR	STGU		DCP	C	150482.	1986-
07165570	Arkansas R nr Haskell	STR		DCP	C	75473.	1972-
07165570	Arkansas R nr Haskell	QWP	BCNP			75473.	1974-75

* Continuous streamflow records for this period.
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Table 1.--*Alphabetical listing of current and historical gaging stations maintained by the U.S. Geological Survey September 30, 1987*--Continued
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07165570	Arkansas R nr Haskell	QWMP	CNP			75473.	1974-79
07165570	Arkansas R nr Haskell	SED	S			75473.	1974-75
07194500	Arkansas R nr Muskogee	STR		BDT		96674.	1926-70
07194500	Arkansas R nr Muskogee	QWP	CP			96674.	1957 63
07194500	Arkansas R nr Muskogee	QWMP	CNP			96674.	1973-79
07194500	Arkansas R nr Muskogee	STGU		DCP	C	96674.	1986-
07148140	Arkansas R nr Ponca City	STR			C	46530.	1977-
07148140	Arkansas R nr Ponca City	QWMP	CNP			46530.	1978-79
07148140	Arkansas R nr Ponca City	SED	S		C	46530.	1978-
07246500	Arkansas R nr Sallisaw	STRP				147757.	1948-70
07246500	Arkansas R nr Sallisaw	QWD	CP			147757.	1957 59-63
07165600	Arkansas R nr Tullahassee	STR				75815.	1971-72
07324500	Barnitz Ck nr Arapaho	STR				243.	1943-64
07324500	Barnitz Ck nr Arapaho	QWP	CP			243.	1952,55
07196900	Baron Fk at Dutch Mills Ark	QWP	C			43.0	1959-61
07197000	Baron Fk at Eldon	STR		DCP	CJG	307.	1948-
07197000	Baron Fk at Eldon	QWP	CP			307.	1958-60
07197000	Baron Fk at Eldon	QWMP	CNP			307.	1975-79
07194512	Bayou Manard nr Ft Gibson	QWP	CP				1961
07300150	Bear Ck nr Vinson	CS			HG	7.24	1964-85
07300150	Bear Ck nr Vinson	CSR				7.24	1964-76
07232400	Beaver (Sand) Ck nr Texhoma	LF				217.	1967-71
07152380	Beaver Ck (E Br) nr Grainola	QWP	CP				1950
07148126	Beaver Ck nr Kaw City	QWP	COP				1950,54-55
07312750	Beaver Ck nr Lawton	QWP	CP				1948,61
07313702	Beaver Ck nr Ryan	QWP	CP				1960-61
07313500	Beaver Ck nr Waurika	STR			C	563.	1953-
07313500	Beaver Ck nr Waurika	QWP	CP			563.	1953-66
07313500	Beaver Ck nr Waurika	QWMP	CNP			563.	1975-79
07313500	Beaver Ck nr Waurika	SED	S		C	563.	1953-
07234000	Beaver R at Beaver	STR		DCP	C	7955.	1937-
07234000	Beaver R at Beaver	QWD	BCNP			7955.	1952,58-59,62-82
07234000	Beaver R at Beaver	QWMP	CNP			7955.	1973-77
07234000	Beaver R at Beaver	SED	S		A	7955.	1974-
07234000	Beaver R at Beaver	QWP	BCNP		A	7955.	1983-
07232245	Beaver R at Felt	QWMP	CNP			850.	1977
07232250	Beaver R nr Felt	CS				879.	1972-79
07232250	Beaver R nr Felt	STR			JG	879.	1979-
07234500	Beaver R nr Fort Supply	STGU				9615.	*1937-51,61-79
07232500	Beaver R nr Guymon	STR		DCP	C	2139.	1937-

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Table 1.--*Alphabetical listing of current and historical gaging stations maintained by the U.S. Geological Survey September 30, 1987*--Continued
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07232500	Beaver R nr Guymon	QWD	BCNP			2139.	1952,54-63,68-79
07232500	Beaver R nr Guymon	QWMP	CNP			2139.	1973-77
07232500	Beaver R nr Guymon	SED	S		C	2139.	1975-
07233210	Beaver R nr Hardesty	STR			C	4770.	1978-
07233210	Beaver R nr Hardesty	SED	S		C	4770.	1978-
07232630	Beaver R nr Hooker	QWP	CP			3017.	1972-73,75-79
07232630	Beaver R nr Hooker	QWMP	CNP			3017.	1977
07232610	Beaver R nr Optima	QWP	CP				1972-73
07242500	Bellcow Ck at Chandler	STR				46.0	1948-55
07242500	Bellcow Ck at Chandler	QWP	CP			46.0	1949-54
07237800	Bent Ck nr Seiling	CS			JG	139.	*1966-70,71-
07237800	Bent Ck nr Seiling	QWP	CP			139.	1956
07237800	Bent Ck nr Seiling	STR			GJ	139.	1966-70
07246630	Big Black Fox Ck nr Long	CS			HG	5.32	1964-85
07337220	Big Br nr Ringold	CS				1.99	1964-74
07190597	Big Cabin Ck Trib nr Welch	QWMP	CP				1980-83
07190597	Big Cabin Ck Trib nr Welch	PR					1980-83
07190597	Big Cabin Ck Trib nr Welch	SED	S				1980-83
07191000	Big Cabin Ck nr Big Cabin	STR		DCP	LGC	466.	1947-
07191000	Big Cabin Ck nr Big Cabin	QWP	CP			466.	1951-60,64-71
07191000	Big Cabin Ck nr Big Cabin	QWMP	CNP			466.	1975-77
07190600	Big Cabin Ck nr Pyramid Corners	CS				71.1	1963-72**,73-79
07190650	Big Cabin Ck nr Vinita	QWP	CP				1949-51
07190595	Big Cabin Ck nr Welch	QWMP	CP			28.1	1980-83
07190595	Big Cabin Ck nr Welch	PR				28.1	1980-83
07190595	Big Cabin Ck nr Welch	SED	S			28.1	1980-83
07171220	Big Ck nr Nowata	QWP	CP				1952-53,59
07328030	Big Dry Ck nr Alex	CS				7.57	1961-74
07178650	Billy Ck Trib nr Wagoner	CS				5.71	1966-72
07176465	Birch Ck blw Birch Lake nr Barnsdall	STR			C	66.0	1978-
07176455	Birch Ck nr Barnsdall	QWP	CP				1965-66
07176460	Birch Lake nr Barnsdall	RES		DCP	C	66.0	1977-
07177600	Bird Ck at 66th St at Tulsa	STR			P		1986-
07177600	Bird Ck at 66th St at Tulsa	QWH	P		P		1986-
07176500	Bird Ck at Avant	STR		DCP	C	364.	1945-
07176500	Bird Ck at Avant	QWP	CP			364.	1965-66
07176500	Bird Ck at Avant	QWMP	CNP			364.	1973-79
07178400	Bird Ck at Catoosa	QWMP	CNP				1978-79
07176350	Bird Ck nr Barnsdall	QWP	CP				1949-53
07178050	Bird Ck nr Catoosa	QWP	CP		JG	1080.	1965-

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Table 1.--*Alphabetical listing of current and historical gaging stations maintained by the U.S. Geological Survey September 30, 1987*--Continued
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07178050	Bird Ck nr Catoosa	QWMP	CNP			1080.	1975-79
07178000	Bird Ck nr Owasso	STR			P	1022.	1936-39,86-
07178000	Bird Ck nr Owasso	QWP	CP			1022.	1948-53
07178000	Bird Ck nr Owasso	QWH	P		P	1022.	1986-
07176320	Bird Ck nr Pawhuska	QWP	CP			157.	1952-53
07176910	Bird Ck nr Skiatook	QWP	CP				1948-53
07177500	Bird Ck nr Sperry	STR		DCP	C	905.	1938-
07177500	Bird Ck nr Sperry	QWD	CP			905.	1952-53,**,64-76
07177500	Bird Ck nr Sperry	QWMP	CNP			905.	1976-77
07177500	Bird Ck nr Sperry	QWH	P		P	905.	1986-
07229055	Bishop Cr at Norman	CSR			c		1987-
07229055	Bishop Cr at Norman	CSR					1988-
07299702	Bitter Ck nr Hollis	STR			JG		1987-
07299705	Bitter Ck nr Hollis	CS				11.3	1964-72
07152520	Black Bear Ck Trib nr Garber	CS				0.97	1964-75
07152520	Black Bear Ck Trib nr Garber	QWP	CP			0.97	1958-59
07153000	Black Bear Ck at Pawnee	STR		DCP	C	576.	1944-
07153000	Black Bear Ck at Pawnee	QWP	CP			576.	1952-53,56-59,61-71
07153000	Black Bear Ck at Pawnee	QWMP	CNP			576.	1978-79
07153000	Black Bear Ck at Pawnee	SED	S		C	576.	1978-
07152950	Black Bear Ck nr Morrison	QWP	CP				1951,58-59
07152590	Black Bear Ck nr Perry	QWP	CP				1950,58-59
07230708	Blacksmith Ck nr Pearson	QWP	CP				1961
07311200	Blue Beaver Ck nr Cache	STR			A	24.6	1964-
07311200	Blue Beaver Ck nr Cache	QWP	BCNP		A	24.6	1965-
07311200	Blue Beaver Ck nr Cache	SED	S		A	24.6	1965-
07232008	Blue Ck Trib A nr Blocker	PR				4.67	1978-81
07232008	Blue Ck Trib A nr Blocker	QWP	CNP			4.67	1978-81
07232008	Blue Ck Trib A nr Blocker	SED	S			4.67	1978-81
07232009	Blue Ck Trib B nr Blocker	PR				0.22	1976-78
07232009	Blue Ck Trib B nr Blocker	QWP	CNP			0.22	1976-78
07232009	Blue Ck Trib B nr Blocker	SED	S			0.22	1976-78
07232010	Blue Ck nr Blocker	STR				12.1	1976-82
07232010	Blue Ck nr Blocker	QWP	CNP			12.1	1976-82
07232010	Blue Ck nr Blocker	SED	S			12.1	1976-81
07332450	Blue R at Armstrong	QWMP	CNP			224.	1977
07332350	Blue R at Connerville	QWP	CP				1951-57,62
07332400	Blue R at Milburn	STR			JG	203.	1965-87
07332400	Blue R at Milburn	QWP	CP			203.	1956-60
07332500	Blue R nr Blue	STRP			C	476.	1936-

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Table 1.--*Alphabetical listing of current and historical gaging stations maintained by the U.S. Geological Survey September 30, 1987*--Continued
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07332500	Blue R nr Blue	QWD	CP			476.	1951-58,60-63
07332500	Blue R nr Blue	QWMP	CNP			476.	1973-79
07332390	Blue R nr Connerville	STR				162.	1977-79
07159620	Bluff Ck abv Bethany Swg Trmt Plnt *OKC	QWP	CNOP				1983-84
07159500	Bluff Ck abv Lake Hefner nr OKC	STR				1.62	1950-58
07159450	Bluff Ck at OKC	CS				1.64	1974-78
07159640	Bluff Ck blw Bethany Swg Trmt Plnt *OKC	QWP	CNOP				1983-84
07157940	Bluff Ck nr Buttermilk KS	STR				657.	1973-79
07157940	Bluff Ck nr Buttermilk KS	QWH	CP			657.	1973-79
07160310	Boggy Ck Trib at Garriott Rd, Enid	QWP	BCNP				1975
07160315	Boggy Ck abv Swg Trtmt Plnt Enid	QWP	BCNP				1975
07160300	Boggy Ck at 30th St, Enid	STR				35.8	1975
07160300	Boggy Ck at 30th St, Enid	QWD	BCNP			35.8	1975
07160280	Boggy Ck at Enid Ave, Enid	STR				20.8	1975
07160280	Boggy Ck at Enid Ave, Enid	QWP	BCNP			20.8	1975
07160320	Boggy Ck blw Swg Trtmt Plnt Enid	QWP	BCNP				1975
07152250	Bois D'Arc Ck nr Ponca City	QWP	CP			100.	1953,58-63
07152250	Bois D'Arc Ck nr Ponca City	LF				100.	1965-73
07336785	Bokchito Ck nr Garvin	CSR				2.96	1965-75
07335320	Bokchito Ck nr Soper	CS				16.6	1965-75
07249073	Brazil Ck nr Lodi	PR				28.8	1980-81
07249073	Brazil Ck nr Lodi	QWP	CNP			28.8	1980-81
07249073	Brazil Ck nr Lodi	SED	S			28.8	1980-81
07249200	Brazil Ck nr Panama	QWP	CP				1960-61
07249060	Brazil Ck nr Red Oak	PR				2.74	1978-81
07249060	Brazil Ck nr Red Oak	QWP	CNP			2.74	1978-81
07249060	Brazil Ck nr Red Oak	SED	S			2.74	1978-81
07249080	Brazil Ck nr Walls	STR		OBS	A	69.1	1978-81,84-
07249080	Brazil Ck nr Walls	QWP	CNP			69.1	1978-81
07249080	Brazil Ck nr Walls	SED	S			69.1	1978-81,84-
07316140	Brier Ck nr Powell	CSR			HG	12.0	1965-76
07316140	Brier Ck nr Powell	CS			HG	12.0	1965-
07316140	Brier Ck nr Powell	CS			HG	12.0	1965-86
07241220	Brock Ck at SW59, OKC	CSR				2.26	1976-81
07338900	Broken Bow Lake nr Broken Bow	RESP		RES	C	754.	1968-
07244790	Brooken Ck nr Enterprise	CS				5.66	1964-71
07231975	Brushy Ck nr Haileyville	STR				139.	1978-82
07231975	Brushy Ck nr Haileyville	QWP	BCNP			139.	1978-82
07231975	Brushy Ck nr Haileyville	SED	S			139.	1978-81
07191260	Brushy Ck nr Jay	CS				16.0	1965-72

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Table 1.--*Alphabetical listing of current and historical gaging stations maintained by the U.S. Geological Survey September 30, 1987*--Continued
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07335900	Buck Ck nr Moyers	QWP	CP			100.	1956-57,60
07157960	Buffalo Ck nr Lovedale	STR			JG	408.	1966-
07157960	Buffalo Ck nr Lovedale	QWH	CP			408.	1974-79
07157960	Buffalo Ck nr Lovedale	QWMP	CNP			408.	1975-79
07157960	Buffalo Ck nr Lovedale	SED	S			408.	1978-79
07329847	Buffalo Spring at Sulphur	STR			b		1986-
07178640	Bull Ck nr Inola	CS				10.7	1965-75
07331401	Butcher Pen Ck nr Tishomingo	QWP	CP				1961
07331410	Buzzard Ck nr Reagan	CS				4.30	1965-75
07334200	Byrds Mill Spring nr Fittstown	STR			RG		1959-
07334200	Byrds Mill Spring nr Fittstown	QWP					1953,55-56
07246600	Cache Ck nr Cowlington	CS				20.6	1964-72
07246600	Cache Ck nr Cowlington	QWP	CP			20.6	1959-61
07330500	Caddo Ck nr Ardmore	STR				298.	1936-50
07330500	Caddo Ck nr Ardmore	QWP	CP			298.	1950-51,58
07171080	California Ck nr Nowata	QWP	CP				1952-53,59
07228960	Canadian R Trib nr Newcastle	CS				3.32	1965-75
07228500	Canadian R at Bridgeport	STR		OBS	JG	25229.	1944-64,69-
07228500	Canadian R at Bridgeport	QWD	CNP			25229.	1949-61,64,70-81
07228500	Canadian R at Bridgeport	QWMP	CNP			25229.	1973-79
07228500	Canadian R at Bridgeport	SED	S			25229.	1978-81
07228500	Canadian R at Bridgeport	QWP	CNOPS		JG	25229.	1981-
07231500	Canadian R at Calvin	STR		DCP	C	27952.	**1905-06,44-
07231500	Canadian R at Calvin	QWP	BCNP		JGAE	27952.	1950-53,60-61,65-
07231500	Canadian R at Calvin	QWMP	CNP			27952.	1973-77
07231500	Canadian R at Calvin	SED	S		CAE	27952.	1975-85
07239650	Canadian R at Cemetary Rd nr Yukon	QWP	CNOP				1973
07244900	Canadian R at L Eufaula TW	RESU			C		1986-
07229050	Canadian R at Norman	QWP	CP				1958
07229200	Canadian R at Purcell	STR			JG	25939.	1960-61,79-82,86-
07229200	Canadian R at Purcell	QWD	CNP			25939.	1952,**60-63,74-75
07229200	Canadian R at Purcell	QWMP	CNP			25939.	1975-79
07229200	Canadian R at Purcell	SED	S			25939.	1979-82
07228250	Canadian R at Taloga	QWP	C				1953
07228000	Canadian R nr Canadian TX	QWMP	CNP			22866.	1973-77
07229000	Canadian R nr Newcastle	STR				25763.	1939-45
07229100	Canadian R nr Noble	STR				25911.	1960-61,63-75
07229100	Canadian R nr Noble	QWD	CNP			25911.	1965-71,73-74
07229100	Canadian R nr Noble	QWMP	CNP			25911.	1973-75
07229100	Canadian R nr Noble	SED	S			25911.	1976

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Table 1.--*Alphabetical listing of current and historical gaging stations maintained by the U.S. Geological Survey September 30, 1987*--Continued
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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07228200	Canadian R nr Roll	QWP	CP			23615.	1950-53,62-63
07228200	Canadian R nr Roll	QWMP	CNP			23615.	1950-51,76-77
07228300	Canadian R nr Thomas	QWP	CP				1952-53,61-63
07228700	Canadian R nr Union City	QWP	CNP				1952-53,73
07245000	Canadian R nr Whitefield	STR		DCP	C	47576.	1938-
07245000	Canadian R nr Whitefield	QWP	BCNP		JGA	47576.	1947-64,67-86
07245000	Canadian R nr Whitefield	QWMP	CNP			47576.	1973-77
07245000	Canadian R nr Whitefield	SED	S		A	47576.	1975-
07245000	Canadian R nr Whitefield	QWD	P	OBS	JGA	47576.	1944-45,46-64,66-86
07229427	Canadian Sandy Ck nr Ada	STR			B		1986-
07229427	Canadian Sandy Ck nr Ada	QWP	C	N	P		1986-
07229427	Canadian Sandy Ck nr Ada	SED	S		B		1987-
07176525	Candy Ck nr Avant	QWP	CP				1952,65-66
07176800	Candy Ck nr Wolco	STRP				30.6	1969-81
07165581	Cane Ck nr Jamesville	QWP	CP				1960-61
07332800	Caney Boggy Ck nr Ashland	QWD	CNP			49.0	1972-75
07174000	Caney Ck nr Copan	STRP				424.	1944-58
07174500	Caney R at Bartlesville	STRP				1465.	1950-56
07174500	Caney R at Bartlesville	QWP	CP			1465.	1952-53,67-68
07174500	Caney R at Bartlesville	STR		DCP	C	1465.	1950-56,86-
07172470	Caney R nr Boulangerville	QWP	CP				1952-53
07175550	Caney R nr Collinsville	QWP	CP				1949-53,59
07175550	Caney R nr Collinsville	LF			ZG		1979-84
07175550	Caney R nr Collinsville	STGU		DCP	C		1986-
07172000	Caney R nr Elgin KS	SED	CNP			445.	1973-75
07173000	Caney R nr Hulah	STR			C	736.	1937-
07173000	Caney R nr Hulah	QWP	CP			736.	1952-53,**,60,63-64
07173000	Caney R nr Hulah	QWMP	CNP			736.	1975-79
07174700	Caney R nr Ochelata	STRP				1753.	1956-76
07174700	Caney R nr Ochelata	QWP	CP			1753.	1960-61
07174700	Caney R nr Ochelata	QWMP	CNP			1753.	1973-75
07175500	Caney R nr Ramona	STR		DCP	C	1955.	1935-39 1935-39 45-
07175500	Caney R nr Ramona	QWP	CNP		JG	1955.	1952-53,**65-
07175500	Caney R nr Ramona	QWMP	CNP			1955.	1975-79
07238500	Canton Lake nr Canton	RES		DCP	C	12483.	1948-
07238500	Canton Lake nr Canton	QWP	CP		JG	12483.	**1949-50,68-
07309480	Canyon Ck nr Medicine Park	CS				3.35	1965-75
07228600	Canyon View Ck nr Geary	CS				11.8	1964-72
07154400	Carrizozo Ck nr Kenton	CS				111.	1953-70
07248600	Caston Ck at Wister	STR				72.9	1978-82

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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07248600	Caston Ck at Wister	QWP	BCNP			72.9	1978-81
07248600	Caston Ck at Wister	SED	S			72.9	1978-81
07333330	Chickasaw Ck Trib nr Stringtown	CS				3.19	1965-72
07333500	Chickasaw Ck nr Stringtown	CS				32.7	*1955-68,69-75
07333500	Chickasaw Ck nr Stringtown	QWP	CP			32.7	1955-58,60
07333500	Chickasaw Ck nr Stringtown	STR	CNP		GJ	32.7	1955-68
07329772	Chigley Sandy Ck nr Davis	QWP	CP				1955,61
07151903	Chikaskia R blw Braman Lake nr Braman	QWP	CP				1958,59,62
07152000	Chikaskia R nr Blackwell	STR		DCP	JGC	1859.	1935-
07152000	Chikaskia R nr Blackwell	QWP	CP			1859.	1952-63
07152000	Chikaskia R nr Blackwell	QWMP	CNP			1859.	1975-79
07151900	Chikaskia R nr Braman	QWMP	CNP			1510.	1977
07151550	Chikaskia R nr Drury KS	QWP	C				1960-61
07152050	Chikaskia R nr Tonkawa	QWP	CP				1948,51,53,58-63
07159680	Chisholm Ck at Village Dr, OKC	CSR				1.22	1976-78
07178670	Chouteau L D nr Chouteau (DS)	QWP	CP				1952-53,60-63
07178670	Chouteau L D nr Chouteau (DS)	STGU		DCP	C		1986-
07178645	Chouteau L D nr Chouteau (US)	STGU			C		1986-
07332470	Chuckwa Ck nr Durant	QWP	CP				1953
07158120	Cimarron R Trib nr Isabella	CS				0.62	1964-72
07158020	Cimarron R Trib nr Lone Wolf	CS				4.07	1964-75
07155000	Cimarron R abv Ute Ck nr Boise City	STR				1955.	1905-07,43-54
07157980	Cimarron R at Freedom	STR				12706.	1973-80
07157980	Cimarron R at Freedom	QWH	CP			12706.	1953 74-80
07157980	Cimarron R at Freedom	QWMP	CNP			12706.	1976-77
07164000	Cimarron R at Mannford	STR				18849.	1939-50,59-63
07164000	Cimarron R at Mannford	QWP	CP			18849.	1950-52,60-63
07163500	Cimarron R at Oilton	CS				18669.	1964-75
07163500	Cimarron R at Oilton	STR				18669.	1934-45
07163500	Cimarron R at Oilton	QWP	CP			18669.	1944
07161000	Cimarron R at Perkins	STR		DCP	AC	17852.	1939-
07161000	Cimarron R at Perkins	QWH	BCNP			17852.	1950,53-63,69-80
07161000	Cimarron R at Perkins	QWMP	CNP			17852.	1973-77
07161000	Cimarron R at Perkins	SED	S		CAE	17852.	***1973-
07161000	Cimarron R at Perkins	QWP	BCNP		AE	17852.	1981-
07155500	Cimarron R nr Boise City	STR				2214.	1939-42
07157950	Cimarron R nr Buffalo	STR		OBS	A	12004.	1960-
07157950	Cimarron R nr Buffalo	QWD	BCNP			12004.	1953,60-63,68-79
07157950	Cimarron R nr Buffalo	QWMP	CNP			12004.	1973-77
07157950	Cimarron R nr Buffalo	SED	S		A	12004.	***1973-

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Table 1.--*Alphabetical listing of current and historical gaging stations maintained by the U.S. Geological Survey September 30, 1987*--Continued
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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07157950	Cimarron R nr Buffalo	QWP	BCNP		JGA	12004.	1980-
07157740	Cimarron R nr Buttermilk KS	STR				11120.	1973-79
07157740	Cimarron R nr Buttermilk KS	QWH	CP			11120.	1973-79
07159400	Cimarron R nr Crescent	STR				16453.	1970-72
07159400	Cimarron R nr Crescent	QWP	CP			16453.	1953
07159100	Cimarron R nr Dover	STR		DCP	C	15713.	1973-
07159100	Cimarron R nr Dover	QWH	CP			15713.	1951,53,74-79
07159100	Cimarron R nr Dover	QWMP	CNP			15713.	1975-79
07157580	Cimarron R nr Englewood KS	STR			JG	10096.	1982-87
07157580	Cimarron R nr Englewood KS	QWP	CNP		JG	10096.	1982-87
07157580	Cimarron R nr Englewood KS	SED	S		JG	10096.	1982-87
07156900	Cimarron R nr Forgan KS	STR			JG	8536.	1965-
07160000	Cimarron R nr Guthrie	STR			JG	16892.	1949,53-63,83-
07160000	Cimarron R nr Guthrie	QWD	CP			16892.	1949,53-63
07160000	Cimarron R nr Guthrie	QWMP	CNP			16892.	1973-79
07160000	Cimarron R nr Guthrie	SED	S			16892.	1976
07154500	Cimarron R nr Kenton	STR			A	1106.	1950-
07154500	Cimarron R nr Kenton	QWP	CP			1106.	1952-63
07154500	Cimarron R nr Kenton	QWMP	CNP			1106.	1977
07154500	Cimarron R nr Kenton	QWP	CNP		B	1106.	1987-
07157000	Cimarron R nr Mocane	PR				8670.	*1943-65,76-79
07157000	Cimarron R nr Mocane	QWP	CP			8670.	1947-49,52-64,76-79
07161450	Cimarron R nr Ripley	STR		DCP	C		1987-
07158000	Cimarron R nr Waynoka	STR			C	13334.	1937-
07158000	Cimarron R nr Waynoka	QWH	CP			13334.	1951-63,68-79
07158000	Cimarron R nr Waynoka	QWMP	CNP			13334.	1973-77
07334800	Clear Boggy Ck abv Caney Ck nr Caney	QWMP					1975-78
07335000	Clear Boggy Ck nr Caney	STRP			C	720.	1942-
07335000	Clear Boggy Ck nr Caney	QWP	CP			720.	1952-75
07335000	Clear Boggy Ck nr Caney	QWMP	CNP			720.	1975-79
07334400	Clear Boggy Ck nr Tupelo	LF				248.	1958-73
07334400	Clear Boggy Ck nr Tupelo	QWP	COP			248.	1958,60,62
07334500	Clear Boggy Ck nr Wapanucka	STR				516.	1940-43
07234290	Clear Ck Trib nr Catesby	CS			HG	8.51	1966-85
07171120	Clear Ck Trib nr Hollow	CS			HJG	2.19	1966-75,79-85
07234100	Clear Ck nr Elmwood	STR			JG	170.	1965-
07234100	Clear Ck nr Elmwood	QWP	CP			170.	1952-53
07234300	Clear Ck nr May	QWP	CP			109.	1954-58,60
07229601	Clear Ck nr Norman	QWP	CP				1961
07249415	Coal Ck Trib nr Bokoshe	PR				1.28	1976-79

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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07249415	Coal Ck Trib nr Bokoshe	QWP	CNP			1.26	1976-79
07249415	Coal Ck Trib nr Bokoshe	SED	S			1.26	1976-79
07332900	Coal Ck nr Lehigh	STR				8.10	1978-81
07332900	Coal Ck nr Lehigh	QWH	CNOP			8.10	1977-81
07332900	Coal Ck nr Lehigh	SED	S			8.10	1978-81
07232027	Coal Ck nr McAlester	QWP	CP			196.	1960-61
07246615	Coal Ck nr Spiro	STR				18.1	1978-82
07246615	Coal Ck nr Spiro	QWH	P			18.1	1978-82
07246615	Coal Ck nr Spiro	SED	S			18.1	1978-81
07246615	Coal Ck nr Spiro	QWP	BCNP			18.1	1978-81
07325800	Cobb Ck nr Eakly	STR			NG	132.	1968-
07326000	Cobb Ck nr Ft Cobb	QWP	CP			313.	**1947-58,60,63
07326000	Cobb Ck nr Ft Cobb	STR			NG	313.	1939-
07155200	Cold Springs Ck nr Castaneda	LF				129.	1965-71
07155100	Cold Springs Ck nr Wheeless	CS			HG	11.0	1964-85
07232950	Coldwater Ck nr Guymon	STR			GJ		1981-
07233000	Coldwater Ck nr Hardesty	STR				1967.	1939-64
07233000	Coldwater Ck nr Hardesty	QWP	CP			1967.	1952-63
07228150	Commission Ck nr Grand	LF				57.8	1965-66
07174510	Coon Ck nr Dewey	QWP	CP				1952-53
07174300	Copan Lake nr Copan	RES		DCP	C		1983-
07163020	Corral Ck nr Yale	CS				2.89	1964-65
07174150	Cotton Ck nr Copan	QWP	CP				1952-53,67-68
07174150	Cotton Ck nr Copan	QWMP	CNP				1973-79
07315680	Cottonwood Ck Trib nr Loco	CS			HG	1.74	1964-86
07159805	Cottonwood Ck at Guthrie	PR				370.	1889-58
07159750	Cottonwood Ck at Seward	STR				316.	1973-82
07159750	Cottonwood Ck at Seward	QWD	CNP			316.	1973-82
07159750	Cottonwood Ck at Seward	QWMP	CNP			316.	1975-79
07159750	Cottonwood Ck at Seward	SED	S			316.	1978-82
07159800	Cottonwood Ck nr Guthrie	LF				366.	1952-73
07159800	Cottonwood Ck nr Guthrie	QWP	CP			366.	1951
07159720	Cottonwood Ck nr Navina	STR		OBS	JG	247.	1978-80,82-
07159720	Cottonwood Ck nr Navina	QWD	COP			247.	1978-80
07159720	Cottonwood Ck nr Navina	SED	S		JG	247.	1982-
07159720	Cottonwood Ck nr Navina	QWP	CP		JG	247.	1981-
07159720	Cottonwood Ck nr Navina	QWP	COB		B	247.	1984
07237750	Cottonwood Ck nr Vici	CS			HG	11.5	1964-85
07163000	Council Ck nr Stillwater	STR			JG	31.0	1934-
07163000	Council Ck nr Stillwater	QWP	CP			31.0	1944

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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area $(mile^2)$	Period of Record
07163000	Council Ck nr Stillwater	SED	S			31.0	1934-37
07313600	Cow Ck at Waurika	CS			JG	193.	*1967-70,71-
07313600	Cow Ck at Waurika	QWP	CP			193.	1960-63,67-70
07313600	Cow Ck at Waurika	QWMP	CNP			193.	1978-79
07313600	Cow Ck at Waurika	STR			GJ	193.	1967-70
07313533	Cow Ck nr Comanche	QWP	CP				1959,61
07166572	Coweta Ck nr Coweta	QWP	CP				1961
07328173	Criner Ck nr Criner	QWP	CP				1961
07328200	Criner Ck nr Payne	QWP	CP				1958-60
07157500	Crooked Ck nr Nye KS	QWP	CP			1157.	1947,58-63
07241508	Crutcho Ck Tribat Reno Midwest City	CSR				1.41	1976-81
07311420	Deadman Ck Trib at Manitou	CS				2.57	1965-72
07164940	Deep Ck nr Olive	CS				3.25	1967-72
07231102	Deep Ck nr Spaulding	QWP	CP				1961
07242219	Deep Fk Trib at NW 50, OKC	CSR				2.65	1976-81
07242220	Deep Fk at Eastern, OKC	CSR				28.2	1975-81
07242217	Deep Fk at Pennsylvania Ave, OKC	QWP	C				1960-62
07242200	Deep Fk at Portland, OKC	CSR				2.98	1974-81
07242380	Deep Fk at Warwick	STR		DCP	C	522.	1984-
07242380	Deep Fk at Warwick	SED	S		C	522.	1984-
07242300	Deep Fk at Witcher	QWP	CNOP				1960-62,73
07242350	Deep Fk nr Arcadia	STR		OBS	C	105.	1969-87
07242350	Deep Fk nr Arcadia	QWP	CNP		C	105.	1970-87
07242350	Deep Fk nr Arcadia	QWMP	CNP			105.	1973-79
07242350	Deep Fk nr Arcadia	SED	S		C	105.	1978-87
07243500	Deep Fk nr Beggs	STR		DCP	C	2018.	1938-
07243500	Deep Fk nr Beggs	QWP	BCNP		JGAE	2018.	1952-
07243500	Deep Fk nr Beggs	QWMP	CNP			2018.	1973-79
07243500	Deep Fk nr Beggs	SED	S		CAE	2018.	1978-
07243500	Deep Fk nr Beggs	QWD	P		JGA	2018.	1951-
07242400	Deep Fk nr Chandler	QWP	CP				1960-62
07244000	Deep Fk nr Dewar	STRP				2307.	1938-50
07244000	Deep Fk nr Dewar	QWD	CP			2307.	1949-51
07244200	Deep Fk nr Pierce	QWP	CP			2548.	1960-63
07242345	Deep Fork blw Arcadia L nr Arcadia	STR	QWP		C		1987-
07242345	Deep Fork blw Arcadia L nr Arcadia	QWP	CNP		C		1987-
07242345	Deep Fork blw Arcadia L nr Arcadia	SED	S		C		1987-
07311500	Deep Red Run nr Randlett	STR			JG	617.	1949-
07311500	Deep Red Run nr Randlett	QWD	CP			617.	**1948,69-70
07311500	Deep Red Run nr Randlett	QWMP	CNP			617.	1975

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07311505	Deep Red Run nr Taylor	QWP	CP			1121.	1959
07311505	Deep Red Run nr Taylor	QWMP	CNP			1121.	1976-79
07228450	Deer Ck Trib nr Hydro	CS				2.31	1964-75
07159630	Deer Ck abv Bethany Swg Trtmt Plnt *OKC	QWP	CNOP				1983-84
07228400	Deer Ck at Hydro	STR				274.	1961-64,77-80
07228400	Deer Ck at Hydro	QWP	CNP			274.	1951-58,60-63,77-80
07159645	Deer Ck blw Deer Ck Swg Trtmt Plnt OKC	QWP	CNOP				1983-84
07232024	Deer Ck nr McAlester	STR				38.3	1978-80
07232024	Deer Ck nr McAlester	QWP	CNP			38.3	1978-80
07232024	Deer Ck nr McAlester	SED	S			38.3	1978-80
07303450	Deer Ck nr Plainview	CSR				27.8	1964-77
07150900	Deer Ck nr Tonkawa	LF				150.	1965-73
07150900	Deer Ck nr Tonkawa	QWP	CP			150.	1958-59,62
07177520	Delaware Ck nr Sperry	QWP	CP				1952-53
07334440	Delaware Ck nr Wapanucka	STR				45.8	1958-73
07334440	Delaware Ck nr Wapanucka	QWP	CP			45.8	1958,60
07315880	Demijohn Ck nr Wilson	CS				5.74	1964-73
07198500	Dirty Ck nr Warner	STRP				227.	1940-46
07198500	Dirty Ck nr Warner	QWP	CP			227.	1960-61
07178550	Dog Ck nr Claremore	LF			ZG	63.6	1979-84
07175000	Double Ck SWS #5 nr Ramona	STRP				2.39	1955-69
07175000	Double Ck SWS #5 nr Ramona	QWP	CP			2.39	1954-55,**,67-69
07313566	Dry Ck nr Comanche	QWP	CP				1961
07243000	Dry Ck nr Kendrick	STR			A	69.0	1955-
07243000	Dry Ck nr Kendrick	QWP	COP			69.0	**1955,70-73
07307000	Dry Fk Otter Ck nr Mountain Park	STR				12.0	1905-06
07174570	Dry Hollow nr Pawhuska	CS				1.67	1965-72
07152059	Duck Ck nr Tonkawa	QWP	CP				1953,62
07234130	Duck Pond Ck nr Clear Lake	LF				97.0	1966-73
07327440	E Bitter Ck nr Tabler	QWD	CP			35.6	1960-61,68-71
07322500	E Br Sandstone Ck nr Elk City	STR				23.0	1951-72
07322500	E Br Sandstone Ck nr Elk City	QWP	CP			23.0	1958
07308890	E Cache Ck nr Apache	QWP	C				1951
07309000	E Cache Ck nr Elgin	STR				248.	1956-58
07309000	E Cache Ck nr Elgin	QWD	CP			248.	1956,58
07309000	E Cache Ck nr Elgin	QWMP	CNP			248.	1975-79
07311000	E Cache Ck nr Walters	STR			UG	675.	1938-68,69-
07311000	E Cache Ck nr Walters	QWP	CP		UG	675.	**1947-48,58-63,70-
07311000	E Cache Ck nr Walters	QWMP	CNP			675.	1975-79
07304403	E Elk Ck nr Rocky	QWP	CP				1961

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Table 1.--*Alphabetical listing of current and historical gaging stations maintained by the U.S. Geological Survey*
September 30, 1987--Continued
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07229442	E Elm Ck nr Moore	QWP	CP				1960
07171105	E Fk Big Ck nr Hollow	QWMP	CP			14.4	1980-83
07171105	E Fk Big Ck nr Hollow	PR				14.4	1980-83
07171105	E Fk Big Ck nr Hollow	SED	S			14.4	1980-83
07245591	E Pond Outlet to Mule Ck nr McCurtain	QWP	CP				1979-82
07245591	E Pond Outlet to Mule Ck nr McCurtain	PR					1979-82
07158105	Eagle Chief Ck at Cleo Springs	QWP	CP				1952-55
07158100	Eagle Chief Ck nr Aline	LF				406.	**1953-55,61-73
07158100	Eagle Chief Ck nr Aline	QWP	CP			406.	1953-55,58-59
07158090	Eagle Chief Ck nr Carmen	QWP	CP				1953-54
07299725	Eldorado Spring nr Eldorado	QWP	CP				1950
07304107	Elk Ck nr Elk City	QWP	CP				1960
07304500	Elk Ck nr Hobart	STR			DG	549.	**1904-08,49-
07304500	Elk Ck nr Hobart	QWP	CP	OBS	DG	549.	**1949,54-63,70-87
07304500	Elk Ck nr Hobart	QWMP	CNP			549.	1975-79
07304500	Elk Ck nr Hobart	QWD	P		DG	549.	1949-51,58-63,69-87
07189000	Elk R nr Tiff City MO	STR		DCP	LGC	872.	1939-
07189000	Elk R nr Tiff City MO	QWP	CP			872.	1948-49,51-58,60-61
07189000	Elk R nr Tiff City MO	QWMP	CNP			872.	1973-77
07152360	Elm Ck nr Foraker	CS				18.2	1964-75
07229441	Elm Ck nr Moore	QWP	CP				1960-61
07303395	Elm Fk N Fk Red R at Salton Crossing	QWH	CP			411.	1960-61,73-79
07303500	Elm Fk N Fk Red R nr Mangum	STR				838.	**1905-08,65-76
07303500	Elm Fk N Fk Red R nr Mangum	QWH	CP			838.	**1951,1968-76
07303500	Elm Fk N Fk Red R nr Mangum	QWMP	CNP			838.	1975-79
07303420	Elm Fk N Fk Red R nr Reed	STR				579.	1965-67
07303420	Elm Fk N Fk Red R nr Reed	QWP	CP			579.	1978
07303406	Elm Fk N Fk Red R nr Vinson	PR				428.	1978-81
07303406	Elm Fk N Fk Red R nr Vinson	QWP	CP			428.	1978-81
07303400	Elm Fk N Fork Red R nr Carl	PR				416.	*1959-79,80-82
07303400	Elm Fk N Fork Red R nr Carl	QWP	CP			416.	1960-63,68-82
07303400	Elm Fk N Fork Red R nr Carl	QWMP	CNP			416.	1976-77
07303400	Elm Fk N Fork Red R nr Carl	SED	S			416.	1978-79
07303400	Elm Fk N Fork Red R nr Carl	STR			J	416.	1959-79
07244800	Eufaula Lake nr Brooken	RES		DCP	C	47522.	1964-
07244800	Eufaula Lake nr Brooken	QWD	CP			47522.	1965-67
07337920	Fifteen Ck nr Glover	CS				1.23	1967-73
07328250	Finn Ck nr Payne	QWP	CP				1961
07328300	Finn Ck nr Story	QWP	CP			67.2	1951-60
07303402	Fish Ck nr Vinson	PR				31.5	1978-79

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Table 1.--*Alphabetical listing of current and historical gaging stations maintained by the U.S. Geological Survey September 30, 1987*--Continued
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07303402	Fish Ck nr Vinson	QWP	CP			31.5	1978-79
07242109	Fish Ck nr Wetumka	QWP	CP				1980
07155510	Flagg Springs Ck Trib nr Boise City	CS				5.15	1965-72
07177700	Flat Rock at Hwy 75 at Tulsa	STR			P		1986-
07177700	Flat Rock at Hwy 75 at Tulsa	QWH	P		P		1987-
07188140	Flint Br nr Peoria	CS			HG	4.90	1984-85
07196010	Flint Ck Trib nr Flint	CS				0.94	1966-72
07196000	Flint Ck nr Kansas	QWP	CP			110.	1955-61,63
07196000	Flint Ck nr Kansas	QWMP	CNP			110.	1975-79
07196000	Flint Ck nr Kansas	STR			JG	110.	1979-
07193000	Fort Gibson Lake nr Fort Gibson	RES		DCP	C	12492.	1949-
07236500	Fort Supply Lake nr Fort Supply	RES		DCP	C	1735.	1942-
07236500	Fort Supply Lake nr Fort Supply	QWP	CP			1735.	1949,50,53
07324300	Foss Reservoir nr Foss	RESP		RES	JG	1496.	1961-
07324300	Foss Reservoir nr Foss	QWP	CP		VG	1496.	1963-87
07324300	Foss Reservoir nr Foss	QWMP	CNP			1496.	1976-77
07247500	Fourche Maline nr Red Oak	STR			JG	122.	1938-
07247500	Fourche Maline nr Red Oak	QWP	CP			122.	1952,54,56-60,63
07247500	Fourche Maline nr Red Oak	QWMP	CNP			122.	1978-79
07247450	Fourche Maline nr Wilburton	STR				56.2	1978-81
07247450	Fourche Maline nr Wilburton	QWH	P			56.2	1978-80
07247450	Fourche Maline nr Wilburton	SED	S			56.2	1978-81
07247450	Fourche Maline nr Wilburton	QWP	CNP			56.2	1978-81
07336520	Frazier Ck nr Oleta	CS			HG	19.4	1984-86
07325900	Ft Cobb Reservoir nr Ft Cobb	RESP		RES	NG	304.	1959-
07325900	Ft Cobb Reservoir nr Ft Cobb	QWP	CP			304.	1960-62
07232050	Gaines Ck nr Canadian	QWP	CP				1960-62
07231955	Gaines Ck nr Higgins	PR					1978-80
07231955	Gaines Ck nr Higgins	QWP	CNP				1978-80
07232000	Gaines Ck nr Krebs	STRP				588.	1943-63
07232000	Gaines Ck nr Krebs	QWP	CP			588.	1946-47,50-51,60-62
07305302	Glenn Ck nr Cold Spring	QWP	CP				1961
07337900	Glover Ck nr Glover	STRP		DAR	C	315.	1961-
07337900	Glover Ck nr Glover	QWP	CP			315.	1949,53,62-63
07337900	Glover Ck nr Glover	QWMP	CNP			315.	1975-79
07232590	Goff Ck nr Guymon	LF				510.	1964-68
07232580	Goff Ck nr Hough	LF				470.	1968-71
07152290	Greasy Ck nr Watchorn	STR		RES		28.0	1974-76
07150000	Great Salt Plains Lake nr Jet	RES		DCP	C	3200.	1941-
07150000	Great Salt Plains Lake nr Jet	QWP	CP			3200.	1950

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Table 1.--*Alphabetical listing of current and historical gaging stations maintained by the U.S. Geological Survey September 30, 1987*--Continued
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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07149900	Great Salt Plains NADP Site nr Jet	QWP	CP		A		1984-
07194545	Greenleaf Ck nr Braggs	QWP	CP				1953-55
07194540	Greenleaf Lake nr Braggs	QWP	CP				1949,51,52
07148360	Greenwood Ck nr Winchester	LF			JG	41.2	1972-
07242090	Grief Ck nr Wetumka	QWP	CP				1962-63
07299770	Gypsum Ck nr Creta	QWP	CP				1961
07299780	Gypsum Ck nr Olustee	LF				107.	1954-57,65-73
07299780	Gypsum Ck nr Olustee	QWP	CP			107.	1955-57
07299780	Gypsum Ck nr Olustee	MISC			J	107.	1987-
07299780	Gypsum Ck nr Olustee	STR				107.	1987-
07165000	Heyburn Lake nr Heyburn	RES		DCP	C	123.	1950-
07165000	Heyburn Lake nr Heyburn	QWP	CP			123.	1961
07316070	Hickory Ck nr Marietta	LF				116.	1964-73
07229801	Hog Ck nr Stella	QWP	CP				1960-61
07174720	Hogshooter Ck Trib nr Bartlesville	CS			HG	0.94	1965-86
07249422	Holi-Tuska Ck nr Panama	STRP				4.39	1978-81
07249422	Holi-Tuska Ck nr Panama	QWP				4.39	1978-81
07249422	Holi-Tuska Ck nr Panama	SED	S			4.39	1978-81
07177410	Hominy Ck blw Skiatook Lk nr Skiatook	STR			C	364.	1984-
07176950	Hominy Ck nr Hominy	QWP	CP				1950-53,56,65-66
07177000	Hominy Ck nr Skiatook	STRP				340.	1944-80
07177000	Hominy Ck nr Skiatook	QWP	CP			340.	1948-53,65-66
07177450	Hominy Ck nr Sperry	QWP	CP				1952-53
07329870	Honey Ck nr Davis	CS			HG	18.7	1964-85
07329870	Honey Ck nr Davis	QWP	CP			18.7	1953,55-56
07329860	Honey Ck nr Turner Falls	QWP	CP				1949-51,54
07189720	Horse Ck Trib nr Afton	CS				.81	1966-72
07189700	Horse Ck at Afton	CS			HG	21.9	1966-85
07306000	Horse Ck nr Mountain Park	STR				11.1	1906
07163900	House Ck nr Terlton	QWP	CP			0.81	1953-55
07158140	Hoyle Ck nr Ames	QWP	CP				1952-54
07336600	Hugo Lake nr Hugo	RESP			C	1709.	1974-
07172500	Hulah Lake nr Hulah	RES		DCP	C	732.	1950-
07196380	Illinois R Trib nr Tahlequah	CS				3.59	1965-75
07197520	Illinois R at Tenkiller L TW	STGU			C		1986-
07198000	Illinois R nr Gore	STR			C	1626.	1939***,48,52,54-
07198000	Illinois R nr Gore	QWP	CP	DCP	JG	1626.	1948-
07198000	Illinois R nr Gore	QWMP	CNP			1626.	1973-79
07196500	Illinois R nr Tahlequah	STR		DCP	JG	959.	1935-
07196500	Illinois R nr Tahlequah	QWP	CP			959.	1960-61

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Table 1.--*Alphabetical listing of current and historical gaging stations maintained by the U.S. Geological Survey September 30, 1987*--Continued
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07196500	Illinois R nr Tahlequah	QWMP	CNP			959.	1976-79
07196500	Illinois R nr Tahlequah	SED	S		C	959.	1976-
07195500	Illinois R nr Watts	STR		DCP	C	636.	1955-
07195500	Illinois R nr Watts	QWP	CNP			636.	1955-61,63,69-73
07195500	Illinois R nr Watts	QWMP	CNP			636.	1976-79
07301495	Indian Ck nr Carter	CS				24.9	1965-76
07237590	Indian Ck nr Woodward	QWP	CP				1951-57
07332250	Island Bayou nr Albany	LF				132.	1965-73
07336785	Jacks Fk Ck at Sardis Lake	STRP			C	276.	1984-
07245040	Jackson Ck nr Stigler	PR				7.33	1980-81
07245040	Jackson Ck nr Stigler	QWP	CNP			7.33	1980-81
07245040	Jackson Ck nr Stigler	SED	S			7.33	1980-81
07249400	James Fk nr Hackett AR	STR			W	148.	1958-
07249400	James Fk nr Hackett AR	QWP	CNP			148.	1960-61,76-81
07249400	James Fk nr Hackett AR	SED	S			148.	1976-81
07249410	James Fk nr Williams	PR				198.	1976-81
07249410	James Fk nr Williams	QWP	CNP			198.	1976-81
07249410	James Fk nr Williams	SED	S			198.	1976-81
07229420	Julian Ck Trib nr Asher	CS			HG	2.28	1964-85
07148130	Kaw Lake nr Ponca City	RES		DCP	C	46530.	1977-
07153150	Keystone Lake nr Cleveland	QWP	CP				1966-74
07164200	Keystone Lake nr Sand Springs	RES		DCP	C	74506.	1964-
07164200	Keystone Lake nr Sand Springs	QWP	CP			74506.	1965-75
07164200	Keystone Lake nr Sand Springs	QWMP	COP			74506.	1973-75
07335780	Kiamichi R Trib nr Albion	CS				1.50	1965-72
07336200	Kiamichi R nr Antlers	STRP		DAR	C	1138.	1972-
07336200	Kiamichi R nr Antlers	QWMP	CNP			1138.	1976-79
07336500	Kiamichi R nr Belzoni	STRP				1423.	1926-72
07336500	Kiamichi R nr Belzoni	QWD	CP			1423.	1948-54,62-63
07335700	Kiamichi R nr Big Cedar	STR			A	40.1	1965-
07335700	Kiamichi R nr Big Cedar	QWP	BCNPR		A	40.1	1966-
07335700	Kiamichi R nr Big Cedar	QWMP	CNP			40.1	1973-79
07335700	Kiamichi R nr Big Cedar	SED	S		CA	40.1	1974-
07335700	Kiamichi R nr Big Cedar	QWP	BCNPRS		A	40.1	1982-
07335790	Kiamichi R nr Clayton	QWMP	CNP			708.	1977
07335790	Kiamichi R nr Clayton	STRP			C	708.	1980-
07336700	Kiamichi R nr Sawyer	QWP	CP				1962
07336700	Kiamichi R nr Sawyer	QWMP	CNP				1978-79
07159200	Kingfisher Ck nr Kingfisher	CS			JG	157.	*1966-70,71-83
07159200	Kingfisher Ck nr Kingfisher	QWP	CP			157.	1959

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Table 1.--*Alphabetical listing of current and historical gaging stations maintained by the U.S. Geological Survey September 90, 1987*--Continued
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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07234250	Kiowa Ck Trib nr Laverne	CS				2.14	1964-72
07234200	Kiowa Ck nr Slapout	LF				371.	1945,49-61,63-73
07234200	Kiowa Ck nr Slapout	QWP	CP			371.	1952-58,60
07302500	Lake Altus at Lugert	RES		RES	TQG	2515.	1943-
07302500	Lake Altus at Lugert	QWP	CP			2515.	1949,50-52,55-57
07161500	Lake Carl Blackwell nr Stillwater	QWP	CP				1947,49,51,55
07325850	Lake Ck nr Eakly	STR				52.0	1969-78
07308990	Lake Ellsworth nr Elgin	RESU			UG	249.	1964-
07240000	Lake Hefner Canal nr OKC	STR			KG		1944-
07191400	Lake Hudson nr Locust Grove	RESP		RES	LG	11534.	1964-
07309500	Lake Lawtonka nr Lawton	RESU		RES	UG	93.0	1955-
07316100	Lake Murray nr Ardmore	QWP	CP				1949-53,56-57
07190000	Lake O' The Cherokees at Langley	RES		RES	LG	10298.	1940-
07190000	Lake O' The Cherokees at Langley	QWP	CP			10298.	1948-49
07240500	Lake Overholser nr OKC	RESP		RES	KG	13221.	1937-
07241600	Lake Shawnee nr Shawnee	RESU				34.0	1957-78
07331500	Lake Texoma nr Denison TX	RESP		RES	C	39719.	1942-
07331500	Lake Texoma nr Denison TX	QWP	CP			39719.	1949-51
07229900	Lake Thunderbird nr Norman	RESP		RES	GM	256.	1965-
07229900	Lake Thunderbird nr Norman	QWP	CP		JGB	256.	1965-
07329880	Lawrence Spring nr Drake	QWP	CP				1953
07329880	Lawrence Spring nr Drake	QWP	CP				1952,55-56
07231320	Leader Ck Trib nr Atwood	CS			HG	0.72	1964-85
07334420	Leader Ck at Tupelo	LF				64.3	1958-73
07334420	Leader Ck at Tupelo	QWP	CP			64.3	1958,60
07249800	Lee Ck nr Short	QWP	CP			236.	1958-61
07249800	Lee Ck nr Short	QWMP	CNP			236.	1976-77
07241230	Lightning Ck at SW74 OKC	CS				3.96	1976-81
07171240	Lightning Ck nr Alluwe	QWP	CP				1952-53,59
07313000	Little Beaver Ck nr Duncan	STR				158.	1949-63
07313000	Little Beaver Ck nr Duncan	QWP	CP			158.	**1948-49,58-63
07313009	Little Beaver Ck nr Gas City	QWP	CP				1961
07312950	Little Beaver Ck nr Marlow	CS				35.40	1964-75
07190850	Little Cabin Ck nr Vinita	QWP	CP				1948-51
07174310	Little Caney R blw Copan Lake nr Copan	STR			C		1984-
07174200	Little Caney R blw Cotton Ck nr Copan	STRP				502.	1958-80
07243450	Little Deep Fk Ck nr Edna	QWP	CP				1951-57,60-62
07328040	Little Dry Ck nr Alex	CS				0.88	1961-74
07249900	Little Lee Ck nr Short	QWMP	CNP			103.	1978-79
07310000	Little Medicine Bluff Ck nr Lawton	STR				7.00	1913-19

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[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Para-meters	Stage Source	Coop-erator	Drainage Area ($mile^2$)	Period of Record
07337250	Little R ab Pine Ck Lake nr Wright Cty	QWMP	CNP				1976-77
07229460	Little R abv Lake Thunderbird nr Norman	QWP	BCNP		B		1983-85
07230000	Little R blw Lake Thunderbird nr Norman	STR			GM	257.	1952-
07230000	Little R blw Lake Thunderbird nr Norman	QWP	CP			257.	1953-65
07230000	Little R blw Lake Thunderbird nr Norman	QWMP	CNP			257.	1975-79
07338500	Little R blw Lukfata Ck nr Idabel	STRP		DAR	C	1226.	1946-
07338500	Little R blw Lukfata Ck nr Idabel	QWP	COP			1226.	1948-54,61-63,69-73
07338500	Little R blw Lukfata Ck nr Idabel	QWMP	CNP			1226.	**1947-54,76-79
07337150	Little R nr Alikchi	QWP	CP				1953
07230597	Little R nr Bowlegs	STR		OBS	B	550.	1983-
07230597	Little R nr Bowlegs	QWP	CNP		B	550.	1953,59,61,83-
07230597	Little R nr Bowlegs	SED	S		B	550.	1983-
07339100	Little R nr Cerrogordo	QWP	CP				1961-63
07337100	Little R nr Cloudy	QWMP	CNP			324.	1975-79
07337950	Little R nr Garvin	QWP	CP				1953
07230531	Little R nr Harjo	QWP	CP				1961
07340000	Little R nr Horatio AR	QWMP	CNP			2674.	1978-79
07338000	Little R nr Idabel	STRP				1173.	1930-46
07230558	Little R nr Maud	QWP	CP				1959,61
07337650	Little R nr Millerton	QWP	CPS				1953
07229500	Little R nr Norman	STR				120.	1952-55
07229500	Little R nr Norman	QWP	CP			120.	1951-57,59,61
07337200	Little R nr Ringold	QWP	CP				1962
07231000	Little R nr Sasakwa	STR			JG	865.	1942-
07231000	Little R nr Sasakwa	QWP	CP		JG	865.	1951-
07231000	Little R nr Sasakwa	QWMP	CN			865.	1975-79
07231000	Little R nr Sasakwa	SED	S			865.	1976
07230500	Little R nr Tecumseh	STR			C	456.	1943-
07230500	Little R nr Tecumseh	QWP	CP			456.	1951-63
07230500	Little R nr Tecumseh	SED	S			456.	***1973-78
07337500	Little R nr Wright City	STRP			C	645.	1929-31,44-
07337500	Little R nr Wright City	QWP	CP			645.	1953
07337500	Little R nr Wright City	QWMP	CNP			645.	1975-76
07228280	Little Robe Ck nr Oakwood	CS				6.30	1966-72
07245119	Little Vian Ck nr Vian	QWP	CP				1960
07327500	Little Washita R at Ninnekah	STR				227.	1952-63
07327500	Little Washita R at Ninnekah	QWP	CP			227.	1958-59,61-63
07327490	Little Washita R nr Ninnekah	STRP			JG	208.	1963-86
07327490	Little Washita R nr Ninnekah	QWD	CNP			208.	1948-56,68-71
07242080	Little Wewoka Ck nr Wetumka	QWP	CP				1962-63

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[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07235700	Little Wolf Ck Trib nr Gage	CS				18.4	1964-74
07244550	Longtown Ck nr Enterprise	QWP	CP				1952-53
07188500	Lost Ck at Seneca MO	CS				42.0	1949-59*,60-74
07188500	Lost Ck at Seneca MO	QWP	CP			42.0	1951-58
07190625	M Fk Big Cabin Ck nr Pyramid Corners	QWMP	CP			13.4	1980-83
07190625	M Fk Big Cabin Ck nr Pyramid Corners	PR				13.4	1980-83
07190625	M Fk Big Cabin Ck nr Pyramid Corners	SED	S			13.4	1980-83
07158010	Main Ck nr Waynoka	LF				105.	1965-73
07232029	Mathuldy Ck nr Crowder	PR				5.41	1976-81
07232029	Mathuldy Ck nr Crowder	QWP	CNP			5.41	1976-82
07232029	Mathuldy Ck nr Crowder	SED	S			5.41	1976-81
07327449	McCardo Ck nr Cement	QWP	CP				1958-60
07333910	McGee Ck nr Farris	STR				176.	1976-82
07333910	McGee Ck nr Farris	QWH	CP			176.	1976-82
07333910	McGee Ck nr Farris	QWP	CNP			176.	1976-82
07333910	McGee Ck nr Farris	SED	S			176.	1978-81
07333800	McGee Ck nr Stringtown	CS				86.6	*1955-68,69-75
07333800	McGee Ck nr Stringtown	QWP	CP			86.6	1956-58
07310500	Medicine Bluff Ck nr Lawton	STR				101.	1913-19
07309950	Medicine Ck nr Fort Sill	QWP	CP				1951
07149302	Medicine Lodge R nr Driftwood	QWP	CP				1982
07149000	Medicine Lodge R nr Kiowa, KS	QWH	CP		W	903.	1955-57,60-62,73-
07149000	Medicine Lodge R nr Kiowa, KS	QWMP	CNP			903.	1976-77
07229030	Merkle Ck at Norman	CSR			c		1988-
07231560	Middle Ck nr Carson	CS				7.40	1964-74
07331200	Mill Ck nr Mill Creek	LF				46.4	1952-55,58-71
07331200	Mill Ck nr Mill Creek	QWP	CP			46.4	1952-55,60
07194515	Mill Ck nr Park Hill	CS			HG	2.57	1965-85
07331250	Mill Ck nr Ravia	STR				89.2	1969-71
07331250	Mill Ck nr Ravia	QWP				89.2	1969
07178040	Mingo Ck at N 46th St at Tulsa	STR			P		1987-
07178040	Mingo Ck at N 46th St at Tulsa	QWH	P		P		1987-
07248620	Morris Ck at Howe	STR				19.4	1978-81
07248620	Morris Ck at Howe	QWP	CNP			19.4	1978-81
07248620	Morris Ck at Howe	SED	S			19.4	1978-81
07338780	Mountain Fk Trib nr Smithville	CS			HG	0.85	1965-86
07339010	Mountain Fk blw Eagletown	QWP	CP				1961-63
07339000	Mountain Fk nr Eagletown	STRP		DAR	C	787.	1924-25,29-
07338840	Mountain Fk nr Smithville	QWMP	CNP				1978-79
07315700	Mud Ck nr Courtney	STR			JG	572.	1960-

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Table 1.--*Alphabetical listing of current and historical gaging stations maintained by the U.S. Geological Survey September 30, 1987*--Continued
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07315700	Mud Ck nr Courtney	QWP	CP			572.	1960,62-63
07315700	Mud Ck nr Courtney	QWMP	CNP			572.	1975-79
07315697	Mud Ck nr Grady	QWP	CP				1951-52,60-61
07332950	Muddy Boggy Ck at Atoka	STR				445.	1978-81
07332950	Muddy Boggy Ck at Atoka	SED	S			445.	1978-81
07332950	Muddy Boggy Ck at Atoka	QWP	CNP			445.	1978-81
07332750	Muddy Boggy Ck nr Coalgate	QWP	CP				1962
07334000	Muddy Boggy Ck nr Farris	STRP			C	1087.	1937-
07334000	Muddy Boggy Ck nr Farris	QWP	CP			1087.	1948,50-58,62-64
07334000	Muddy Boggy Ck nr Farris	QWMP	CNP			1087.	1973-79
07332700	Muddy Boggy Ck nr Parker	LF				174.	1958-73
07335300	Muddy Boggy Ck nr Unger	STR		OBS	JG		1982-
07335300	Muddy Boggy Ck nr Unger	QWP	CP				1962
07245580	Mule Ck at SR 31 nr McCurtain	QWP	CP				1981-82
07245580	Mule Ck at SR 31 nr McCurtain	PR					1981-82
07299720	Mule Ck nr Eldorado	CS				3.84	1965-72
07245590	Mule Ck nr McCurtain	QWP	CP				1979-82
07245590	Mule Ck nr McCurtain	PR					1979-82
07245592	Mule Ck nr McCurtain	QWP	CP				1981-82
07245592	Mule Ck nr McCurtain	PR					1981-82
07245594	Mule Ck nr McCurtain	QWP	CP				1981-82
07245594	Mule Ck nr McCurtain	PR					1981-82
07160290	N Boggy Ck at Garriott Rd, Enid	STR				8.98	1975
07160290	N Boggy Ck at Garriott Rd, Enid	QWP	BCNP			8.98	1975
07333000	N Boggy Ck nr Stringtown	STR				136.	1956-59
07333000	N Boggy Ck nr Stringtown	QWP	CP			136.	1956-59
07241080	N Canadian R Trib at NW 10, OKC	CS				1.78	1976-81
07239050	N Canadian R Trib nr Eagle City	CS				0.52	1964-75
07239000	N Canadian R at Canton	STR		DCP	C	12484.	1937-
07239000	N Canadian R at Canton	QWD	CP			12484.	1951-59
07239000	N Canadian R at Canton	QWMP	CNP			12484.	1973-79
07239000	N Canadian R at Canton	SED	S			12484.	1976
07239750	N Canadian R at Morgan Rd nr Yukon	QWP	CNOP				1973
07237500	N Canadian R at Woodward	STR		DCP	C	11589.	1938-
07237500	N Canadian R at Woodward	QWP	BCNP		A	11589.	**1955,61-63,75-
07237500	N Canadian R at Woodward	QWMP	CNP			11589.	1973-77
07237500	N Canadian R at Woodward	SED	S		A	11589.	1975-
07241000	N Canadian R blw Lake Ovrholsr nr OKC	STR			KG	13222.	**1952-68,73-
07241000	N Canadian R blw Lake Ovrholsr nr OKC	QWD	CP			13222.	1960-61
07241000	N Canadian R blw Lake Ovrholsr nr OKC	SED	S	DCP	C	13222.	1978-

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Table 1.--*Alphabetical listing of current and historical gaging stations maintained by the U.S. Geological Survey September 30, 1987*--Continued
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Para-meters	Stage Source	Coop-erator	Drainage Area ($mile^2$)	Period of Record
07239300	N Canadian R blw Weavers Ck nr Watonga	STR		DCP	C		1984-
07239500	N Canadian R nr El Reno	STR		BDT	KG	13042.	**1902-08,37-
07239500	N Canadian R nr El Reno	QWD	CP			13042.	**1950-51,53,74-75
07239500	N Canadian R nr El Reno	QWMP	CNP			13042.	1973-79
07239500	N Canadian R nr El Reno	SED	S			13042.	***1973-78
07244500	N Canadian R nr Eufaula	STR				17657.	1960-62
07244500	N Canadian R nr Eufaula	QWP	CP			17657.	1952-53,60,61
07239450	N Canadian R nr Ft Reno	QWP	BCNP				1974-75
07239450	N Canadian R nr Ft Reno	SED	S				1974-75
07241550	N Canadian R nr Harrah	STR		OBS	XG	13501.	1968-
07241550	N Canadian R nr Harrah	QWP	CNP		XG	13501.	1969-
07241550	N Canadian R nr Harrah	QWMP	CNP			13501.	1973-79
07241550	N Canadian R nr Harrah	SED	S		A	13501.	1983-
07241550	N Canadian R nr Harrah	QWD	P		XG	13501.	1968-
07241500	N Canadian R nr OKC	STR				13354.	1939-61
07241500	N Canadian R nr OKC	QWP	CP			13354.	1952,60-63
07242190	N Canadian R nr Pierce	QWP	CP				1960-63
07238000	N Canadian R nr Seiling	STR		DCP	C	12261.	1946-
07238000	N Canadian R nr Seiling	QWP	BCNPS			12261.	1953-59,*,74-75
07238000	N Canadian R nr Seiling	QWMP	CNP			12261.	1973-79
07238000	N Canadian R nr Seiling	SED	S		C	12261.	***1973-
07239200	N Canadian R nr Watonga	STR			C	12692.	1954-83
07239200	N Canadian R nr Watonga	SED	S			12692.	***1973-78
07242000	N Canadian R nr Wetumka	STR		DCP	C	14290.	1937-
07242000	N Canadian R nr Wetumka	QWP	BCNP		JGA	14290.	1952,54-
07242000	N Canadian R nr Wetumka	QWMP	CNP			14290.	1973-79
07242000	N Canadian R nr Wetumka	SED	S		AE	14290.	1977-
07242000	N Canadian R nr Wetumka	QWD	P		JGAE	14290.	1953-
07239700	N Canadian R nr Yukon	PR			KG	13183.	1943-
07239700	N Canadian R nr Yukon	QWP	CP			13183.	1952-54
07234050	N Fk Clear Ck Trib nr Balko	CS			HG	4.22	1984-85
07301500	N Fk Red R nr Carter	STR		DCP	TQG	2337.	1944-62,64-
07301500	N Fk Red R nr Carter	QWH	CNP			2337.	**1949,58-63,68-79
07301500	N Fk Red R nr Carter	QWMP	CNP			2337.	1973-79
07301450	N Fk Red R nr Erick	QWP	COP			1223.	1952,60-63
07302000	N Fk Red R nr Granite	STR				2494.	1903-08,38-44
07302000	N Fk Red R nr Granite	SED				2494.	1905-07
07305000	N Fk Red R nr Headrick	STR			C	4244.	**1905-08,37-
07305000	N Fk Red R nr Headrick	QWH	BCNP	OBS		4244.	**1951,54-63,68-81
07305000	N Fk Red R nr Headrick	QWMP	CNP			4244.	1973-77

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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07305000	N Fk Red R nr Headrick	SED	S		A	4244.	***1973-
07305000	N Fk Red R nr Headrick	QWP	BCNP		A	4244.	1982-
07304000	N Fk Red R nr Lugert	STR				3435.	1930-31
07301481	N Fk Red R nr Sayre	STR				2159.	1978-83
07301481	N Fk Red R nr Sayre	STGU		OBS	C	2159.	1984-
07301315	N Fk Red R nr Texola	QWMP	CNP			1284.	1977
07307028	N Fk Red R nr Tipton	STR		OBS	J	4681.	1983-
07307028	N Fk Red R nr Tipton	QWP	CP			4681.	1960
07303000	N Fork Red R blw Lake Altus nr Lugert	STR			TQG	2515.	**1930-32,64-
07303000	N Fork Red R blw Lake Altus nr Lugert	QWP	CP			2515.	1963
07303000	N Fork Red R blw Lake Altus nr Lugert	QWMP	CNP			2515.	1973-74
07193500	Neosho R blw Ft Gibson L nr Ft Gibson	STGU		OBS	C	12495.	1950-
07193500	Neosho R blw Ft Gibson L nr Ft Gibson	QWP	BCNP		A	12495.	1952-
07193500	Neosho R blw Ft Gibson L nr Ft Gibson	QWMP	CNP			12495.	1973-77
07193500	Neosho R blw Ft Gibson L nr Ft Gibson	SED	S		A	12495.	1973-
07191500	Neosho R nr Chouteau	STR			LG	11546.	1938-50,63-
07191500	Neosho R nr Chouteau	QWP	CP			11546.	1951-58,60
07191500	Neosho R nr Chouteau	QWMP	CNP			11546.	1973-79
07185000	Neosho R nr Commerce	STR		DCP	LG	5876.	1939-
07185000	Neosho R nr Commerce	QWP	CNP			5876.	1948-54,60-73
07185000	Neosho R nr Commerce	SED	S		C	5876.	1978-
07185000	Neosho R nr Commerce	QWMP	CNP			5876.	1973-79
07189500	Neosho R nr Grove	STR				9969.	1925-39
07190500	Neosho R nr Langley	STR			LG	10335.	1939-
07190500	Neosho R nr Langley	QWP	CP			10335.	1950-59
07190500	Neosho R nr Langley	QWMP	CNP			10335.	1973-79
07192500	Neosho R nr Wagoner	STR				12307.	1924-49
07192500	Neosho R nr Wagoner	QWP	CP			12307.	1948-50
07178620	Newt Graham L D nr Inola	QWP	BCNP		A	8030.	1971-
07178620	Newt Graham L D nr Inola	QWMP	CNP			8030.	1973-77
07178620	Newt Graham L D nr Inola	SED	S		A	8030.	1974-
07178620	Newt Graham L D nr Inola	RESU		DCP	C	8030.	1986-
07178625	Newt Graham L D nr Inola	STGU			C		1986-
07312850	Nine Mile Beaver Ck nr Elgin	CSR			HG	6.29	1964-76
07312850	Nine Mile Beaver Ck nr Elgin	CS			HG	6.29	1964-
07312850	Nine Mile Beaver Ck nr Elgin	CS			HG	6.29	1964-85
07171300	Oologah Lake nr Oologah	RES		DCP	C	4339.	1963-
07233200	Optima Lake nr Hardesty	RES			C	5029.	1978-
07150652	Osage Ck nr Medford	QWP	CP				1982
07306500	Otter Ck at Mt Park	STR				164.	1946-51

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[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07306500	Otter Ck at Mt Park	QWP	CP			164.	1952
07307010	Otter Ck nr Snyder	QWP	CP				1951,60-63
07307010	Otter Ck nr Snyder	STGU		DCP	C		1984-
07178580	Otter Ck nr Tiawah	CS				15.2	1966-72
07307020	Otter Ck nr Tipton	QWP	CP				1960-63
07249100	Owl Ck nr McCurtain	STR				27.9	1978-81
07249100	Owl Ck nr McCurtain	QWP	CNP			27.9	1978-81
07249100	Owl Ck nr McCurtain	SED	S			27.9	1978-81
07233700	Palo Duro Ck nr Range	LF				1745.	1951-73
07233700	Palo Duro Ck nr Range	QWP	CNP			1745.	1952-62
07232800	Panhandle Univ. - NADP at Goodwell	QWH		OBS	A		1985-
07231990	Peaceable Ck nr Haileyville	STR				134.	1978-82
07231990	Peaceable Ck nr Haileyville	QWP	BCNP			134.	1978-82
07231990	Peaceable Ck nr Haileyville	SED	S			134.	1978-82
07308200	Pease R nr Vernon TX	QWP	C			3488.	1960
07246610	Pecan Ck nr Spiro	CSR				0.90	1964-76
07331300	Pennington Ck nr Reagan	LF				65.7	1951-55,58-73
07331300	Pennington Ck nr Reagan	QWP	CP			65.7	1951-55,58-59
07336780	Perry Ck nr Idabel	CS				7.53	1965-73
07237700	Persimmon Ck nr Mutual	LF				164.	1958-61,65-73
07237700	Persimmon Ck nr Mutual	QWP	CP			164.	1951,58
07337300	Pine Ck Lake nr Wright City	RESP		RES	C	635.	1969-
07231950	Pine Ck nr Higgins	CS			HG	9.99	1964-86
07165500	Polecat Ck at Heyburn	STRP				123.	1943-79
07165500	Polecat Ck at Heyburn	QWP	CP			123.	1952-53,56-58,61
07165500	Polecat Ck at Heyburn	SED	S			123.	1978-79
07165510	Polecat Ck nr Jenks	QWP	COP				1960-63
07150700	Pond Ck nr Lamont	QWP	CP				1951-55,58-59,62
07232620	Pony Ck nr Optima	LF				223.	1966-71
07247000	Poteau R at Cauthron AR	QWMP	CNP			203.	1973-76
07249000	Poteau R at Poteau	STR				1240.	1938-45
07249000	Poteau R at Poteau	QWP	CP			1240.	1944-45
07249000	Poteau R at Poteau	STGU			C	1240.	1986-
07249438	Poteau R nr Braden	QWP	CP				1958-59,62-63
07249440	Poteau R nr Fort Smith AR	QWMP	CNP				1975-77
07247350	Poteau R nr Heavener	QWMP	CNP				1976-79
07249419	Poteau R nr Panama	CS					1976-79
07249419	Poteau R nr Panama	QWP	CNP				1976-79
07249419	Poteau R nr Panama	SED	S				1977-79
07249419	Poteau R nr Panama	STGU		DCP	C		1986-

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Table 1.--*Alphabetical listing of current and historical gaging stations maintained by the U.S. Geological Survey September 30, 1987*--Continued
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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07248500	Poteau R nr Wister	STGU			C	993.	1938-
07248500	Poteau R nr Wister	QWP	CP			993.	1948,62,65-69
07248500	Poteau R nr Wister	QWMP	CNP			993.	1973-79
07298500	Prairie Dog Town Fk Red R nr Brice TX	QWP	C			6082.	1960
07158500	Preacher Ck nr Dover	CS			HG	14.5	*1951-57,64-85
07158500	Preacher Ck nr Dover	QWP	CP			14.5	1952-54
07158490	Preacher Ck nr Hennessey	QWP	CP				1953
07192030	Pryor Ck at Elliot St Bridge nr Pryor	QWP	CNP				1966-71
07192050	Pryor Ck at Hwy 69A Bridge nr Pryor	QWP	CP				1958,62-63
07192060	Pryor Ck blw Sulphur Ck nr Pryor	QWP	CNP				1966-75
07192000	Pryor Ck nr Pryor	STR				229.	1948-64
07192000	Pryor Ck nr Pryor	QWP	CP			229.	1948-63
07324190	Quartermaster Ck nr Hammon	QWP	CP				1970-71
07246400	R S Kerr L D nr Sallisaw (Ark R)	QWP	CP		JG	147756.	1970-
07246400	R S Kerr L D nr Sallisaw (Ark R)	QWMP	CNP			147756.	1975-79
07246400	R S Kerr L D nr Sallisaw (Ark R)	RESU			C	147756.	1986-
07246310	R S Kerr L D nr Sallisaw (Ark US)	RESU		DCP	C		1986-
07326300	Rainy Mtn Ck at Mountain View	LF				309.	1951-55,58-59
07326300	Rainy Mtn Ck at Mountain View	QWP	CP			309.	1952-55,58
07153100	Ranch Ck at Cleveland Dam nr Cleveland	STR				21.9	1945-63
07153100	Ranch Ck at Cleveland Dam nr Cleveland	QWP	CP			21.9	1953
07311410	Red Ck nr Snyder	CS				6.12	1965-74
07247550	Red Oak Ck nr Red Oak	STR				13.1	1978-82
07247550	Red Oak Ck nr Red Oak	QWP	CNP			13.1	1978-81
07247550	Red Oak Ck nr Red Oak	SED	S			13.1	1978-81
07247550	Red Oak Ck nr Red Oak	QWH	P			13.1	1980-81
07335500	Red R at Arthur City TX	STRP		DAR	C	44531.	**1936-
07335500	Red R at Arthur City TX	QWP	CP			44531.	1960-63
07335500	Red R at Arthur City TX	QWMP	CNP			44531.	1975-79
07331600	Red R at Denison Dam nr Denison TX	STRP			C	39720.	1961-
07331600	Red R at Denison Dam nr Denison TX	QWMP	CP			39720.	1973-77
07337000	Red R at Index AR	QWD	C			48030.	1960-63
07308500	Red R nr Burkburnett TX	QWMP	CNP			20570.	1973-77
07332000	Red R nr Colbert	STR				39777.	1924-61
07332000	Red R nr Colbert	QWP	CP			39777.	1960-61
07336820	Red R nr De Kalb TX	QWMP	CNP			47348.	1973-77
07316000	Red R nr Gainesville TX	STRP		BDT	C	30782.	1936-
07316000	Red R nr Gainesville TX	QWP	COP			30782.	1953-63
07316000	Red R nr Gainesville TX	QWMP	CNP			30782.	1973-77
07299565	Red R nr Hollis	QWMP	CNP			8154.	1977

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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07336760	Red R nr Millerton	QWP	CNP			46930.	1971-76
07336850	Red R nr New Boston TX	QWP	C				1961-63
07299570	Red R nr Quanah TX	QWMP	CNP			8321.	1973-77
07315500	Red R nr Terral	QWMP	CNP			28723.	1973-77
07336730	Red R nr Valliant	QWP	CNP			46730.	1971-76
07312720	Red R nr Waurika	QWMP	CNP				1978-79
07152350	Red Rock nr Red Rock	QWP	CNP				1951-59,62-63
07329843	Rock Ck N of Sulphur	QWP	CP				1960,69
07329853	Rock Ck S of Platt N Pk nr Surphur	QWP	CP				1960
07329900	Rock Ck at Dougherty	STR				138.	1956-67
07329900	Rock Ck at Dougherty	QWD	CP			138.	1951-60
07332070	Rock Ck nr Achille	CS				0.72	1965-74
07335310	Rock Ck nr Boswell	CS			HG	0.94	1965-85
07232031	Rock Ck nr Crowder	QWP	CNP				1961
07249070	Rock Ck nr Red Oak	PR				12.0	1978-81
07249070	Rock Ck nr Red Oak	QWP	CNP			12.0	1978-81
07249070	Rock Ck nr Red Oak	SED	S			12.0	1978-81
07336710	Rock Ck nr Sawyer	CS				3.39	1964-74
07152410	Rock Ck nr Shidler	CS				9.13	1965-72
07165507	Rock Cr at Sapulpa	LF			SG	67.3	1979-85
07228290	Rough Ck nr Thomas	CS			HG	10.4	1964-85
07329000	Rush Ck at Purdy	STR		OBS	JG	145.	1940-53,82-
07329000	Rush Ck at Purdy	QWP	CP			145.	1947-54,58
07329500	Rush Ck nr Maysville	STR				206.	1953-76
07329500	Rush Ck nr Maysville	QWD	CP			206.	1954-71
07329500	Rush Ck nr Maysville	SED	S			206.	1976
07329500	Rush Ck nr Maysville	CS			JG	206.	1983-
07329550	Rush Ck nr Pauls Valley	QWP	CP				1952-53,58-59
07328700	Rush Ck nr Rush Springs	LF					1952
07241031	S Br T,T2 Mst'g Ck at SW74, Mustang	CSR				0.29	1976-81
07241030	S Br T2 Mst'g Ck at SW74, Mustang	CSR				0.54	1976-81
07191350	Salina Ck nr Salina	QWP	CP				1948-49,51-53,58-59
07245500	Sallisaw Ck nr Sallisaw	STRP				182.	1942-76
07245500	Sallisaw Ck nr Sallisaw	QWP	CP			182.	1952-63
07245500	Sallisaw Ck nr Sallisaw	QWMP	CNP			182.	1977
07158180	Salt Ck Trib nr Okeene	CS				8.23	1964-74
07171230	Salt Ck nr Alluwe	QWP	CP				1952-53,59
07230800	Salt Ck nr Dewright	STR				210.	1960-63,66-67
07230800	Salt Ck nr Dewright	QWP	CP			210.	1952-63
07158150	Salt Ck nr Hitchcock	STR				44.4	1960,68-70

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[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07158150	Salt Ck nr Hitchcock	QWD	CP			44.4	1960,68-70
07158400	Salt Ck nr Okeene	STR				196.	1961-67,73-79
07158400	Salt Ck nr Okeene	QWH	CP			196.	1973-79
07158400	Salt Ck nr Okeene	QWMP	CNP			196.	1975-79
07158400	Salt Ck nr Okeene	SED	S			196.	1978-79
07230700	Salt Ck nr Pearson	LF				83.8	1955-56
07230700	Salt Ck nr Pearson	QWP	CNP			83.8	1956-61
07152400	Salt Ck nr Shidler	LF				114.	1954-55,58-66
07152400	Salt Ck nr Shidler	QWP	CP			114.	1950,54-55,58,61-63
07230731	Salt Ck nr St Louis	QWP	CP				1959-61
07230651	Salt Ck nr Trousdale	QWP	CP				1961
07303404	Salt Ck nr Vinson	PR				5.64	1978-79
07303404	Salt Ck nr Vinson	QWP	CP			5.64	1978-79
07149500	Salt FK Arkansas R nr Cherokee	STRP				2439.	1941-60
07150870	Salt Fk Arkansas R Trib nr Eddy	CS			HG	2.35	1964-
07151000	Salt Fk Arkansas R at Tonkawa	STR			C	4528.	1935-
07151000	Salt Fk Arkansas R at Tonkawa	QWH	CNP			4528.	1948,52-63,68-79
07151000	Salt Fk Arkansas R at Tonkawa	QWMP	CNP			4528.	1973-77
07148400	Salt Fk Arkansas R nr Alva	STR			C	1009.	*1938-51,76-
07148400	Salt Fk Arkansas R nr Alva	QWP	CNP			1009.	1950-54,62,76-79
07148400	Salt Fk Arkansas R nr Alva	SED	S		C	1009.	1979-
07148450	Salt Fk Arkansas R nr Ingersoll	STR				1140.	1961-62,73-79
07148450	Salt Fk Arkansas R nr Ingersoll	QWH	CNP			1140.	1961-63,73-79
07148450	Salt Fk Arkansas R nr Ingersoll	QWMP	CNP			1140.	1975-79
07148450	Salt Fk Arkansas R nr Ingersoll	SED	S			1140.	***1973-79
07150500	Salt Fk Arkansas R nr Jet	STR		DCP	C	3202.	1937-
07150500	Salt Fk Arkansas R nr Jet	QWH	CP		C	3202.	1951-63,68-
07150500	Salt Fk Arkansas R nr Jet	QWMP	CNP			3202.	1973-79
07150500	Salt Fk Arkansas R nr Jet	SED	S		C	3202.	***1973-
07150500	Salt Fk Arkansas R nr Jet	QWP	CNP		C	3202.	1951-63 68-
07150500	Salt Fk Arkansas R nr Jet	QWD	P	OBS	C	3202.	1954-59,61-63,68-
07152200	Salt Fk Arkansas R nr Marland	QWP	CNP				1960-63
07150597	Salt Fk Arkansas R nr Pond Creek	QWP	CP				1951,62
07152260	Salt Fk Arkansas R nr White Eagle	QWMP	CNP				1978-79
07148350	Salt Fk Arkansas R nr Winchester	STR			JG	856.	1959-
07148350	Salt Fk Arkansas R nr Winchester	QWD	CNP			856.	1959-62
07148350	Salt Fk Arkansas R nr Winchester	QWMP	CNP			856.	1976-77
07300500	Salt Fk Red R at Mangum	STR		OBS	JG	1566.	1938-
07300500	Salt Fk Red R at Mangum	QWP	CP			1566.	**1947-52,54,60-63
07300500	Salt Fk Red R at Mangum	QWMP	CNP			1566.	1975-79

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Table 1.--*Alphabetical listing of current and historical gaging stations maintained by the U.S. Geological Survey September 30, 1987*--Continued
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07300500	Salt Fk Red R at Mangum	SED	S			1566.	1976-78
07301110	Salt Fk Red R nr Elmer	STR		OBS	JG	1878.	1979-
07301110	Salt Fk Red R nr Elmer	QWP	BCNP		A	1878.	1978-
07301110	Salt Fk Red R nr Elmer	SED	S		A	1878.	1978-
07300400	Salt Fk Red R nr Vinson	QWP	CP			1421.	1952-54,60-63
07300400	Salt Fk Red R nr Vinson	QWMP	CNP			1421.	1977
07300000	Salt Fk Red R nr Wellington TX	QWMP	CNP			1222.	1976-77
07150580	Sand Ck Trib nr Kremlin	CS				7.21	1964-74
07158080	Sand Ck Trib nr Waynoka	CSR				1.61	1964-75
07174650	Sand Ck at Bartlesville	QWP	CP				1952-53
07174600	Sand Ck at Okesa	STR			C	139.	1959-
07174600	Sand Ck at Okesa	QWP	CP			139.	1952-55,60-62
07241880	Sand Ck nr Cromwell	CS			HG	9.48	1964-85
07150548	Sand Ck nr Hawley	QWP	CP				1962
07323600	Sandstone Ck SWS 22 nr Cheyenne	STR				2.25	1953-72
07321500	Sandstone Ck SWS 3 nr Elk City	STR				0.62	1953-74
07321000	Sandstone Ck SWS 5 nr Elk City	STR				3.89	1953-74
07320500	Sandstone Ck SWS 6 nr Elk City	STR				6.46	1953-74
07322000	Sandstone Ck SWS 9 nr Elk City	STR				3.60	1952-74
07324000	Sandstone Ck SWS 1 nr Cheyenne	STR				5.33	1952-74
07324000	Sandstone Ck SWS 1 nr Cheyenne	QWP	COP			5.33	1969-70
07320000	Sandstone Ck SWS 10A nr Elk City	STR				2.87	1952-74
07318500	Sandstone Ck SWS 14 nr Cheyenne	STR				1.02	1953-74
07318000	Sandstone Ck SWS 16 nr Cheyenne	STR				11.5	1953-74
07317500	Sandstone Ck SWS 16A nr Cheyenne	STR				8.78	1952-74
07319000	Sandstone Ck SWS 17 nr Cheyenne	STR				10.1	1953-74
07319000	Sandstone Ck SWS 17 nr Cheyenne	QWP	CP			10.1	1969-70
07319500	Sandstone Ck nr Berlin	STR				44.9	1953-72
07319500	Sandstone Ck nr Berlin	QWP	CP			44.9	1958
07323000	Sandstone Ck nr Cheyenne	STR				87.1	1951-74
07323000	Sandstone Ck nr Cheyenne	QWP	CP			87.1	1951-52,57-58
07149700	Sandy Ck nr Byron	LF				434.	1965-73
07299710	Sandy Ck nr Eldorado	STR				280.	1960-64
07299710	Sandy Ck nr Eldorado	QWP	CP			280.	1952-55,58,61-63
07299710	Sandy Ck nr Eldorado	MISC			J	280.	1987-
07149608	Sandy Ck nr Ingersoll	QWP	CP				1962
07246000	Sans Bois Ck nr Keota	STR				346.	1938-42
07246000	Sans Bois Ck nr Keota	QWP	CP			346.	1958-63
07245703	Sans Bois Ck nr Kinta	QWP	CP				1961
07335775	Sardis Lake at Clayton	RESP			C	275.	1983-

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[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07233850	Sharp Ck Trib nr Turpin	CSR				1.00	1984-75
07301480	Short Ck nr Sayre	CS			HG	9.12	1984-86
07315891	Simon Ck at Pike	QWP	CP				1960-61
07315882	Simon Ck nr Oswalt	QWP	CP				1960-61
07152990	Skedee Ck at Pawnee Lake nr Pawnee	QWP	CP				1953-56
07160500	Skeleton Ck nr Lovell	STR			JG	410.	1949-
07160500	Skeleton Ck nr Lovell	QWD	CP			410.	1951-55
07160500	Skeleton Ck nr Lovell	QWMP	CNP			410.	1975-79
07160460	Skeleton Ck nr Roxona	QWP	CP				1950
07177400	Skiatook Lake nr Skiatook	RES		DCP	C	354.	1984-
07165550	Snake Ck nr Bixby	CS				50.0	1951-70**71-76
07165559	Snake Ck nr Leonard	QWP	CP				1960-61
07232550	South Fk Trib nr Guymon	CS	S		C	0.26	1975-
07198800	South Fk nr Porum	QWMP	CP			48.7	1980-83
07198800	South Fk nr Porum	PR				48.7	1980-83
07198800	South Fk nr Porum	SED	S			48.7	1980-83
07191223	Spavinaw Ck nr Jay	QWP	CP				1958-59,61
07191200	Spavinaw Ck nr Row	STR				128.	1959-62
07191200	Spavinaw Ck nr Row	QWP	CP			128.	1959-61
07191355	Spavinaw Ck nr Spavinaw	QWP	CP				1948-51
07191220	Spavinaw Ck nr Sycamore	STR			PG	133.	1961-
07191220	Spavinaw Ck nr Sycamore	QWMP	CNP			133.	1977
07191220	Spavinaw Ck nr Sycamore	QWP	CNP		A	133.	1968,77,80-
07327437	Spring Ck Trib nr Middleberg	QWP	C			0.76	1969-71
07159600	Spring Ck at Lansbrook Lane, OKC	CSR				3.17	1976-78
07159610	Spring Ck at N MacArthur Blvd, OKC	CSR				8.43	1976-78
07242270	Spring Ck at Pine Oak Dr, Edmond	CSR				1.32	1976-81
07229425	Spring Ck nr Ada	QWP	CP				1952-53
07327432	Spring Ck nr Blanchard	QWP	C			1.19	1968-71
07325753	Spring Ck nr Eakly	QWP	CP				1961
07301485	Spring Ck nr Elk City	CS				0.93	1968-72
07327031	Spring Ck nr Gracemont	QWP	CP				1961
07304299	Spring Ck nr Sentinel	QWP	CP				1960
07327435	Spring Ck nr Tabler	QWP	C			2.28	1968-71
07188000	Spring R nr Quapaw	STR		DCP	LGC	2510.	1939-
07188000	Spring R nr Quapaw	QWP	CP			2510.	1948-58,60-63
07188000	Spring R nr Quapaw	QWMP	CNP			2510.	1973-79
07301452	Starvation Ck nr Prentiss	LF				44.5	1964-73
07242180	Stidham Ck Trib nr Dustin	CS				2.56	1964-76
07162000	Stillwater Ck at Stillwater	STR				168.	1935-38

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Table 1.--*Alphabetical listing of current and historical gaging stations maintained by the U.S. Geological Survey September 30, 1987*--Continued
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07162000	Stillwater Ck at Stillwater	SED	S			168.	1934-37
07325400	Stinking Ck nr Carnegie	LF				104.	1951-55,58-61
07325400	Stinking Ck nr Carnegie	QWP	CP			104.	1952-55,58
07327000	Sugar Ck nr Gracemont	STRP				208.	1956-74
07327000	Sugar Ck nr Gracemont	QWP	CP			208.	1956-60
07248700	Sugarloaf Ck nr Monroe	STR				53.6	1978-81
07248700	Sugarloaf Ck nr Monroe	QWP	CNP			53.6	1978-81
07248700	Sugarloaf Ck nr Monroe	SED	S			53.6	1978-81
07308310	Suttle Ck nr Davidson	LF				55.0	1965-66
07171490	Sweetwater Ck nr Claremore	QWMP	CP				1980-83
07171490	Sweetwater Ck nr Claremore	PR					1980-83
07171490	Sweetwater Ck nr Claremore	SED	S				1980-83
07301420	Sweetwater Ck nr Sweetwater	STR			JG		1986-
07301425	Sweetwater Ck nr Texas Line	QWP	CP				1953-54
07196510	Tahlequah Ck at Tahlequah	QWMP	CNP			13.4	1976-77
07245025	Taloka Ck Trib nr Stigler	PR	CN			2.04	1979-81
07245025	Taloka Ck Trib nr Stigler	QWP	P			2.04	1978-81
07245025	Taloka Ck Trib nr Stigler	SED	S			2.04	1979-81
07245020	Taloka Ck at Stigler	PR				3.98	1978-81
07245020	Taloka Ck at Stigler	QWP	CNP			3.98	1978-81
07245020	Taloka Ck at Stigler	SED	S			3.98	1978-81
07245030	Taloka Ck nr Stigler	STR				20.1	1978-81
07245030	Taloka Ck nr Stigler	QWP	CNP			20.1	1978-81
07245030	Taloka Ck nr Stigler	SED	S			20.1	1978-81
07185095	Tar Ck at 22nd St at Miami	STR			JG	44.7	1984-
07185095	Tar Ck at 22nd St at Miami	QWP	CNOP		J	44.7	1985-
07185100	Tar Ck at Miami	STR	S		JG	52.0	1980-84
07197500	Tenkiller Ferry Lake nr Gore	RES		DCP	C	1610.	1952-
07336000	Tenmile Ck nr Miller	QWP	C			68.0	1955-58
07336000	Tenmile Ck nr Miller	CS			HG	68.0	1957-70,71-86
07232450	Tepee Ck nr Eva	LF				95.0	1967-73
07154650	Tesesquite Ck nr Kenton	CS			HG	25.4	1964-85
07231962	Ti Ck abv unnamed Trib nr Blanco	CS				1.83	1980-81
07231962	Ti Ck abv unnamed Trib nr Blanco	QWP	CNOP			1.83	1980-81
07231965	Ti Ck nr Blanco	STR				4.82	1980-81
07231965	Ti Ck nr Blanco	QWP	BCNP			4.82	1980-81
07231965	Ti Ck nr Blanco	SED	S			4.82	1980-81
07305400	Tom Steed Res nr Mountain Park	RES			C		1986-
07326720	Tonkawa Ck nr Anadarko	QWD	CP			26.0	1968-71
07158550	Turkey Ck Trib nr Goltry	CSR			HG	5.08	1964-81

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Table 1.--*Alphabetical listing of current and historical gaging stations maintained by the U.S. Geological Survey September 30, 1987*--Continued
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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07158550	Turkey Ck Trib nr Goltry	CS			HG	5.08	1984-85
07301100	Turkey Ck at Olustee	STR				293.	1960-64
07301100	Turkey Ck at Olustee	QWP	CP			293.	1952,54-57,61-63
07301100	Turkey Ck at Olustee	MISC			J	293.	1987-
07301100	Turkey Ck at Olustee	STR			JG	293.	1987-
07148379	Turkey Ck nr Alva	QWP	CNP				1982
07228220	Turkey Ck nr Camargo	LF				86.0	1965-73
07159203	Turkey Ck nr Dover	QWP	CP				1952-54,82
07159000	Turkey Ck nr Drummond	CS				248.	1948-70,71-74
07159000	Turkey Ck nr Drummond	QWP	CP			248.	1948,52-59
07301455	Turkey Ck nr Erick	CS			HG	19.8	1984-85
07301455	Turkey Ck nr Erick	QWP	CP			19.8	1953
07159040	Turkey Ck nr Hennessey	QWP	CP				1951
07301000	Turkey Ck nr Olustee	STR				244.	1905-08
07301460	Turkey Ck nr Sayre	LF				47.5	1953-56,65-73
07301480	Turkey Ck nr Sayre	QWP	CP			47.5	1953
07241210	Twin Ck at SW29 , OKC	CSR				3.35	1976-81
07329851	Vendome Well Outflow at Sulphur	STR			b		1986-
07178450	Verdigris R at Catoosa	STGU		DCP	C	7709.	
07178500	Verdigris R nr Catoosa	STR					1903-05
07176000	Verdigris R nr Claremore	STR		DCP	C	6534.	1935-
07176000	Verdigris R nr Claremore	QWD	CP			6534.	1948-54,59
07176000	Verdigris R nr Claremore	QWMP	CNP			6534.	1978-79
07178600	Verdigris R nr Inola	STRP				7911.	1945-70
07178600	Verdigris R nr Inola	QWP	BCNP			7911.	1948-72
07178600	Verdigris R nr Inola	QWMP	CNP			7911.	1977
07178600	Verdigris R nr Inola	SED	S			7911.	1948-72
07178600	Verdigris R nr Inola	STGU		DCP	C	7911.	1986-
07171000	Verdigris R nr Lenapah	STR		DCP	C	3639.	1938-
07171000	Verdigris R nr Lenapah	QWP	CP			3639.	1945,52-64
07171000	Verdigris R nr Lenapah	QWMP	CNP			3639.	1973-79
07171100	Verdigris R nr Nowata	QWP	CP				1952-53
07171400	Verdigris R nr Oologah	STR			C	4339.	1961-
07171400	Verdigris R nr Oologah	QWP	CP			4339.	1962-63,65-75
07171400	Verdigris R nr Oologah	QWMP	CNP			4339.	1973-79
07171500	Verdigris R nr Sageeyah	STRP				4402.	1939-45
07170950	Verdigris R nr South Coffeyville	QWP	CP			4339.	1952-53
07171260	Verdigris R nr Talala	QWP	CP				1952-53
07171405	Verdigris R, Hwy 88 Br, nr Claremore	QWD	CP				1952-53,59
07245090	Vian Ck nr Vian	CS				19.6	1966-72

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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07245090	Vian Ck nr Vian	QWP	CP			19.6	1958-59
07160550	W Beaver Ck nr Orlando	CS			HG	13.9	1964-85
07160550	W Beaver Ck nr Orlando	CSR				13.9	1964-76
07327420	W Bitter Ck nr Tabler	QWD	CP			60.8	**1953,61,65-71
07311240	W Cache Ck nr Cookietown	LF				1112.	1951-55,65-73
07311240	W Cache Ck nr Cookietown	QWP	CP			1112.	1952-55,60-63
07246710	W D Mayo L D nr Braden DS	RESU		DCP	C		1986-
07246700	W D Mayo L D nr Braden US	RESU			C		1986-
07190620	W Fk Big Cabin Ck nr Centralia	QWMP	CP			13.1	1980-83
07190620	W Fk Big Cabin Ck nr Centralia	PR				13.1	1980-83
07190620	W Fk Big Cabin Ck nr Centralia	SED	S			13.1	1980-83
07162500	W Fk Brush Ck nr Stillwater	STR				13.1	1935-38
07162500	W Fk Brush Ck nr Stillwater	SED	S			13.1	1934-37
07315672	W Mud Ck nr Atlee	QWP	CP				1961
07315681	W Mud Ck nr Ringling	QWP	CP				1960
07315681	W Mud Ck nr Ringling	QWP	CP				1953
07305198	W Otter Ck at Cold Spring	QWP	CP				1961
07305500	W Otter Ck at Snyder Lake nr Mt Park	STR			DG	132.	1903-08,51-
07305500	W Otter Ck at Snyder Lake nr Mt Park	QWP	CP			132.	1960
07327320	W Salt Ck nr Chickasha	QWD	COP			22.0	1968-71
07313211	Walker Ck nr Corum	QWP	CP				1961
07315900	Walnut Bayou nr Burneyville	STR				314.	1961-64,69-71
07315900	Walnut Bayou nr Burneyville	QWD	CP			314.	1960-62,69-71
07315900	Walnut Bayou nr Burneyville	QWMP	CNP			314.	1975-79
07315873	Walnut Bayou nr Oswalt	QWP	CP				1960
07229300	Walnut Ck at Purcell	STR			JG	202.	1965-
07229300	Walnut Ck at Purcell	QWP	CP			202.	1950-55,58-62
07229300	Walnut Ck at Purcell	QWMP	CNP			202.	1976-77
07229220	Walnut Ck nr Blanchard	CS				1.26	1964-72
07147800	Walnut R at Winfield KS	QWP	C			1872.	1960-61
07316410	Washita R Trib nr Crawford	CS				2.18	1965-72
07328100	Washita R at Alex	STRP		OBS	JG	4787.	1964-86
07328100	Washita R at Alex	QWD	CP			4787.	1965-71
07326500	Washita R at Anadarko	STRP			JG	3656.	**1902-08,63-
07326500	Washita R at Anadarko	QWD	CP			3656.	1952,65-71
07326500	Washita R at Anadarko	QWMP	CNP			3656.	1975-79
07325500	Washita R at Carnegie	STR		OBS	JG	3129.	1937-
07325500	Washita R at Carnegie	QWP	CNP	OBS	VG	3129.	1948-87
07325500	Washita R at Carnegie	QWMP	CNP	OBS		3129.	1973-75
07330000	Washita R nr Berwyn	STR				6815.	1924-26

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07316500	Washita R nr Cheyenne	STR		OBS	JG	794.	1937-
07316500	Washita R nr Cheyenne	QWP	CNP			794.	1950-53,60-61,69-73
07316500	Washita R nr Cheyenne	QWMP	CNP			794.	1973-75
07327300	Washita R nr Chickasha	QWP	CP				1952-53,55,58-61
07325000	Washita R nr Clinton	STR			C	1977.	1935-
07325000	Washita R nr Clinton	QWP	CP			1977.	1953,58,60-63
07331000	Washita R nr Dickson	STR		OBS	A	7202.	1928-
07331000	Washita R nr Dickson	QWD	BCNP			7202.	1944-81
07331000	Washita R nr Dickson	QWMP	CNP			7202.	1973-77
07331000	Washita R nr Dickson	SED	S		CA	7202.	***1973-
07331000	Washita R nr Dickson	QWP	BCNP		A	7202.	1982-
07324400	Washita R nr Foss	STR			VG	1551.	**1956-57,61-87
07324400	Washita R nr Foss	QWP	CNP	OBS	VG	1551.	**1947-48,70-87
07324400	Washita R nr Foss	QWMP	CNP			1551.	1973-79
07324200	Washita R nr Hammon	STR			VG	1387.	1969-
07324200	Washita R nr Hammon	QWP	CNP	OBS	VG	1387.	1961,70-
07324200	Washita R nr Hammon	QWMP	CNP			1387.	1978-79
07324150	Washita R nr Moorewood	QWP	CP				1970-72
07328500	Washita R nr Pauls Valley	STR		OBS	JG	5330.	1937-
07328500	Washita R nr Pauls Valley	QWP	COP			5330.	1952-63
07328500	Washita R nr Pauls Valley	QWPM	CNP			5330.	1975-79
07328500	Washita R nr Pauls Valley	SED	S			5330.	1976-78
07316350	Washita R nr Reydon	QWP	CP			4.98	1949,52
07316350	Washita R nr Reydon	QWMP	CNP			4.98	1977
07328000	Washita R nr Tabler	STR				4706.	1940-52
07328000	Washita R nr Tabler	QWD	CP			4706.	1947-52
07313400	Waurika Lake nr Waurika	RESP			C	562.	1978-
07149709	West Clay Ck nr Yewed	QWP	CP				1962
07157550	West Fk nr Knowles	CS			HG	4.22	1964-85
07157550	West Fk nr Knowles	CSR				4.22	1964-76
07242100	Wewoka Ck nr Wetumka	STR				396.	1960-63,66-67
07242100	Wewoka Ck nr Wetumka	QWP	CP			396.	1952-57,60-64
07242050	Wewoka Ck nr Wewoka	QWP	CP				1962-63
07150590	Wild Horse (Sand) Ck nr Pond Creek	LF				105.	1965-72
07242370	Wildhorse Ck Trib nr Luther	CSR				2.12	1974-76
07242370	Wildhorse Ck Trib nr Luther	CS			JG	2.12	1974-
07329660	Wildhorse Ck nr Hennepin	QWP	CP				1949-50
07329700	Wildhorse Ck nr Hoover	STR			JG	604.	1969-
07329700	Wildhorse Ck nr Hoover	QWD	CP			604.	1951-59,*70-71
07325860	Willow Ck nr Albert	STR				28.0	1970-78

* Continuous streamflow records for this period.
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*** Some records may have been collected previously.

Table 1.--*Alphabetical listing of current and historical gaging stations maintained by the U.S. Geological Survey September 30, 1987*--Continued
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07316130	Wilson Ck Trib nr McMillan	CS				2.97	1965-75
07328070	Winter Ck nr Alex	STRP			JG	33.0	1964-1987
07248000	Wister Lake nr Wister	RES		DCP	C	993.	1949-
07248000	Wister Lake nr Wister	QWP	CP			993.	1960-64
07236050	Wolf Ck Trib nr Tangier	CS				6.23	1964-72
07236000	Wolf Ck nr Fargo	STR				1624.	1942-76
07236000	Wolf Ck nr Fargo	QWP	CP			1624.	1958,60-63
07236000	Wolf Ck nr Fargo	SED	S			1624.	***1973-76
07237000	Wolf Ck nr Fort Supply	STR		OBS	C	1739.	1937-
07237000	Wolf Ck nr Fort Supply	QWP	CP			1739.	1951-58,60
07237000	Wolf Ck nr Fort Supply	SED	S			1739.	1976
07189480	Wolf Ck nr Grove	LF				7.21	1966-72
07235500	Wolf Ck nr Shattuck	STRP				1183.	1938-46
07228930	Worley Ck nr Tuttle	CS			HG	11.2	1965-72,75-85
07338520	Yanubbee Ck nr Broken Bow	CSR			HG	9.10	1964-76
07338520	Yanubbee Ck nr Broken Bow	CS			HG	9.10	1964-86

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Table 2.--*Station number listing of current and historical gaging stations maintained by the U.S. Geological Survey*
September 30, 1987
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07146500	Arkansas R at Arkansas City KS	STRP				43713.	1955-76
07146500	Arkansas R at Arkansas City KS	QWD	CNP	BDT	W	43713.	1952-
07146500	Arkansas R at Arkansas City KS	QWMP	CNP			43713.	1972-75
07147800	Walnut R at Winfield KS	QWP	C			1872.	1960-61
07148126	Beaver Ck nr Kaw City	QWP	COP				1950,54-55
07148128	Arkansas R at Kaw City	QWD	CNP			8670.	1949-51
07148130	Kaw Lake nr Ponca City	RES		DCP	C	46530.	1977-
07148140	Arkansas R nr Ponca City	STR			C	46530.	1977-
07148140	Arkansas R nr Ponca City	QWMP	CNP			46530.	1978-79
07148140	Arkansas R nr Ponca City	SED	S		C	46530.	1978-
07148350	Salt Fk Arkansas R nr Winchester	STR			JG	856.	1959-
07148350	Salt Fk Arkansas R nr Winchester	QWD	CNP			856.	1959-62
07148350	Salt Fk Arkansas R nr Winchester	QWMP	CNP			856.	1976-77
07148360	Greenwood Ck nr Winchester	LF			JG	41.2	1972-
07148379	Turkey Ck nr Alva	QWP	CNP				1962
07148400	Salt Fk Arkansas R nr Alva	STR			C	1009.	*1938-51,76-
07148400	Salt Fk Arkansas R nr Alva	QWP	CNP			1009.	1950-54,62,76-79
07148400	Salt Fk Arkansas R nr Alva	SED	S		C	1009.	1979-
07148450	Salt Fk Arkansas R nr Ingersoll	STR				1140.	1961-62,73-79
07148450	Salt Fk Arkansas R nr Ingersoll	QWH	CNP			1140.	1961-63,73-79
07148450	Salt Fk Arkansas R nr Ingersoll	QWMP	CNP			1140.	1975-79
07148450	Salt Fk Arkansas R nr Ingersoll	SED	S			1140.	***1973-79
07149000	Medicine Lodge R nr Kiowa, KS	QWH	CP		W	903.	1955-57,60-62,73-
07149000	Medicine Lodge R nr Kiowa, KS	QWMP	CNP			903.	1976-77
07149302	Medicine Lodge R nr Driftwood	QWP	CP				1962
07149500	Salt FK Arkansas R nr Cherokee	STRP				2439.	1941-50
07149608	Sandy Ck nr Ingersoll	QWP	CP				1962
07149700	Sandy Ck nr Byron	LF				434.	1965-73
07149709	West Clay Ck nr Yewed	QWP	CP				1962
07149900	Great Salt Plains NADP Site nr Jet	QWP	CP		A		1984-
07150000	Great Salt Plains Lake nr Jet	RES		DCP	C	3200.	1941-
07150000	Great Salt Plains Lake nr Jet	QWP	CP			3200.	1950
07150500	Salt Fk Arkansas R nr Jet	STR		DCP	C	3202.	1937-
07150500	Salt Fk Arkansas R nr Jet	QWH	CP		C	3202.	1951-63,68-
07150500	Salt Fk Arkansas R nr Jet	QWMP	CNP			3202.	1973-79
07150500	Salt Fk Arkansas R nr Jet	SED	S		C	3202.	***1973-
07150500	Salt Fk Arkansas R nr Jet	QWP	CNP		C	3202.	1951-63 68-
07150500	Salt Fk Arkansas R nr Jet	QWD	P	OBS	C	3202.	1954-59,61-63,68-
07150548	Sand Ck nr Hawley	QWP	CP				1962
07150580	Sand Ck Trib nr Kremlin	CS				7.21	1964-74

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Table 2.--*Station number listing of current and historical gaging stations maintained by the U.S. Geological Survey*
September 30, 1987--Continued
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07160590	Wild Horse (Sand) Ck nr Pond Creek	LF				105.	1965-72
07160597	Salt Fk Arkansas R nr Pond Creek	QWP	CP				1961,62
07160852	Osage Ck nr Medford	QWP	CP				1962
07160700	Pond Ck nr Lamont	QWP	CP				1961-65,68-69,62
07160870	Salt Fk Arkansas R Trib nr Eddy	CS			HG	2.35	1964-
07160900	Deer Ck nr Tonkawa	LF				150.	1965-73
07160900	Deer Ck nr Tonkawa	QWP	CP			150.	1958-59,62
07161000	Salt Fk Arkansas R at Tonkawa	STR			C	4528.	1935-
07161000	Salt Fk Arkansas R at Tonkawa	QWH	CNP			4528.	1948,52-63,68-79
07161000	Salt Fk Arkansas R at Tonkawa	QWMP	CNP			4528.	1973-77
07161550	Chikaskia R nr Drury KS	QWP	C				1960-61
07161900	Chikaskia R nr Braman	QWMP	CNP			1510.	1977
07161903	Chikaskia R blw Braman Lake nr Braman	QWP	CP				1958,59,62
07162000	Chikaskia R nr Blackwell	STR		DCP	JGC	1859.	1935-
07162000	Chikaskia R nr Blackwell	QWP	CP			1859.	1952-63
07162000	Chikaskia R nr Blackwell	QWMP	CNP			1859.	1975-79
07162050	Chikaskia R nr Tonkawa	QWP	CP				1948,51,53,58-63
07162059	Duck Ck nr Tonkawa	QWP	CP				1953,62
07162200	Salt Fk Arkansas R nr Marland	QWP	CNP				1960-63
07162250	Bois D'Arc Ck nr Ponca City	QWP	CP			100.	1953,58-63
07162250	Bois D'Arc Ck nr Ponca City	LF				100.	1965-73
07162260	Salt Fk Arkansas R nr White Eagle	QWMP	CNP				1978-79
07162290	Greasy Ck nr Watchorn	STR		RES		28.0	1974-76
07162350	Red Rock nr Red Rock	QWP	CNP				1951-59,62-63
07162360	Elm Ck nr Foraker	CS				18.2	1964-75
07162380	Beaver Ck (E Br) nr Grainola	QWP	CP				1950
07162400	Salt Ck nr Shidler	LF				114.	1954-55,58-66
07162400	Salt Ck nr Shidler	QWP	CP			114.	1950,54-55,58,61-63
07162410	Rock Ck nr Shidler	CS				9.13	1965-72
07162500	Arkansas R at Ralston	STR		DCP	C	54465.	1925-
07162500	Arkansas R at Ralston	QWH	BCNP			54465.	1950-63,65-80
07162500	Arkansas R at Ralston	QWMP	CNP			54465.	1973-79
07162500	Arkansas R at Ralston	SED	S		CAE	54465.	***1973-
07162500	Arkansas R at Ralston	QWP	BCNP		CAE	54465.	1981-
07162500	Arkansas R at Ralston	QWD	P	OBS	CA	54465.	1950-63,68-
07162520	Black Bear Ck Trib nr Garber	CS				0.97	1964-75
07162520	Black Bear Ck Trib nr Garber	QWP	CP			0.97	1958-59
07162590	Black Bear Ck nr Perry	QWP	CP				1950,58-59
07162950	Black Bear Ck nr Morrison	QWP	CP				1951,58-59
07162990	Skedee Ck at Pawnee Lake nr Pawnee	QWP	CP				1953-56

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Table 2.--*Station number listing of current and historical gaging stations maintained by the U.S. Geological Survey*
September 30, 1987--Continued
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area (mile^2)	Period of Record
07153000	Black Bear Ck at Pawnee	STR		DCP	C	576.	1944-
07153000	Black Bear Ck at Pawnee	QWP	CP			576.	1952-53,56-59,61-71
07153000	Black Bear Ck at Pawnee	QWMP	CNP			576.	1978-79
07153000	Black Bear Ck at Pawnee	SED	S		C	576.	1978-
07153100	Ranch Ck at Cleveland Dam nr Cleveland	STR				21.9	1945-63
07153100	Ranch Ck at Cleveland Dam nr Cleveland	QWP	CP			21.9	1953
07153150	Keystone Lake nr Cleveland	QWP	CP				1966-74
07154400	Carrizozo Ck nr Kenton	CS				111.	1953-70
07154500	Cimarron R nr Kenton	STR			A	1106.	1950-
07154500	Cimarron R nr Kenton	QWP	CP			1106.	1952-63
07154500	Cimarron R nr Kenton	QWMP	CNP			1106.	1977
07154500	Cimarron R nr Kenton	QWP	CNP		B	1106.	1987-
07154650	Tesesquite Ck nr Kenton	CS			HG	25.4	1964-85
07155000	Cimarron R abv Ute Ck nr Boise City	STR				1955.	1905-07,43-54
07155100	Cold Springs Ck nr Wheeless	CS			HG	11.0	1964-85
07155200	Cold Springs Ck nr Castaneda	LF				129.	1965-71
07155500	Cimarron R nr Boise City	STR				2214.	1939-42
07155510	Flagg Springs Ck Trib nr Boise City	CS				5.15	1965-72
07156900	Cimarron R nr Forgan KS	STR			JG	8536.	1965-
07157000	Cimarron R nr Mocane	PR				8670.	*1943-65,76-79
07157000	Cimarron R nr Mocane	QWP	CP			8670.	1947-49,52-64,76-79
07157500	Crooked Ck nr Nye KS	QWP	CP			1157.	1947,58-63
07157550	West Fk nr Knowles	CS			HG	4.22	1964-85
07157550	West Fk nr Knowles	CSR				4.22	1964-76
07157580	Cimarron R nr Englewood KS	STR			JG	10096.	1982-87
07157580	Cimarron R nr Englewood KS	QWP	CNP		JG	10096.	1982-87
07157580	Cimarron R nr Englewood KS	SED	S		JG	10096.	1982-87
07157740	Cimarron R nr Buttermilk KS	STR				11120.	1973-79
07157740	Cimarron R nr Buttermilk KS	QWH	CP			11120.	1973-79
07157940	Bluff Ck nr Buttermilk KS	STR				657.	1973-79
07157940	Bluff Ck nr Buttermilk KS	QWH	CP			657.	1973-79
07157950	Cimarron R nr Buffalo	STR		OBS	A	12004.	1960-
07157950	Cimarron R nr Buffalo	QWD	BCNP			12004.	1953,60-63,68-79
07157950	Cimarron R nr Buffalo	QWMP	CNP			12004.	1973-77
07157950	Cimarron R nr Buffalo	SED	S		A	12004.	***1973-
07157950	Cimarron R nr Buffalo	QWP	BCNP		JGA	12004.	1980-
07157960	Buffalo Ck nr Lovedale	STR			JG	408.	1966-
07157960	Buffalo Ck nr Lovedale	QWH	CP			408.	1974-79
07157960	Buffalo Ck nr Lovedale	QWMP	CNP			408.	1975-79
07157960	Buffalo Ck nr Lovedale	SED	S			408.	1978-79

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Table 2.--*Station number listing of current and historical gaging stations maintained by the U.S. Geological Survey September 30, 1987*--Continued
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07157980	Cimarron R at Freedom	STR				12700.	1973-80
07157980	Cimarron R at Freedom	QWH	CP			12700.	1953 74-80
07157980	Cimarron R at Freedom	QWMP	CNP			12700.	1976-77
07158000	Cimarron R nr Waynoka	STR			C	13334.	1937-
07158000	Cimarron R nr Waynoka	QWH	CP			13334.	1951-63,68-79
07158000	Cimarron R nr Waynoka	QWMP	CNP			13334.	1973-77
07158010	Main Ck nr Waynoka	LF				105.	1965-73
07158020	Cimarron R Trib nr Lone Wolf	CS				4.07	1964-75
07158080	Sand Ck Trib nr Waynoka	CSR				1.61	1964-75
07158090	Eagle Chief Ck nr Carmen	QWP	CP				1953-54
07158100	Eagle Chief Ck nr Aline	LF				400.	**1953-55,61-73
07158100	Eagle Chief Ck nr Aline	QWP	CP			400.	1953-55,58-59
07158105	Eagle Chief Ck at Cleo Springs	QWP	CP				1952-55
07158120	Cimarron R Trib nr Isabella	CS				0.62	1964-72
07158140	Hoyle Ck nr Ames	QWP	CP				1952-54
07158150	Salt Ck nr Hitchcock	STR				44.4	1960,68-70
07158150	Salt Ck nr Hitchcock	QWD	CP			44.4	1960,68-70
07158180	Salt Ck Trib nr Okeene	CS				8.23	1964-74
07158400	Salt Ck nr Okeene	STR				196.	1961-67,73-79
07158400	Salt Ck nr Okeene	QWH	CP			196.	1973-79
07158400	Salt Ck nr Okeene	QWMP	CNP			196.	1975-79
07158400	Salt Ck nr Okeene	SED	S			196.	1978-79
07158490	Preacher Ck nr Hennessey	QWP	CP				1953
07158500	Preacher Ck nr Dover	CS			HG	14.5	*1951-57,64-85
07158500	Preacher Ck nr Dover	QWP	CP			14.5	1952-54
07158550	Turkey Ck Trib nr Goltry	CSR			HG	5.08	1964-81
07158550	Turkey Ck Trib nr Goltry	CS			HG	5.08	1964-85
07159000	Turkey Ck nr Drummond	CS				248.	1948-70,71-74
07159000	Turkey Ck nr Drummond	QWP	CP			248.	1948,52-59
07159040	Turkey Ck nr Hennessey	QWP	CP				1951
07159100	Cimarron R nr Dover	STR		DCP	C	15713.	1973-
07159100	Cimarron R nr Dover	QWH	CP			15713.	1951,53,74-79
07159100	Cimarron R nr Dover	QWMP	CNP			15713.	1975-79
07159200	Kingfisher Ck nr Kingfisher	CS			JG	157.	*1966-70,71-83
07159200	Kingfisher Ck nr Kingfisher	QWP	CP			157.	1959
07159203	Turkey Ck nr Dover	QWP	CP				1952-54,62
07159400	Cimarron R nr Crescent	STR				16453.	1970-72
07159400	Cimarron R nr Crescent	QWP	CP			16453.	1953
07159450	Bluff Ck at OKC	CS				1.64	1974-78
07159500	Bluff Ck abv Lake Hefner nr OKC	STR				1.62	1950-58

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Table 2.--*Station number listing of current and historical gaging stations maintained by the U.S. Geological Survey*
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[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07159600	Spring Ck at Lansbrook Lane, OKC	CSR				3.17	1976-78
07159610	Spring Ck at N MacArthur Blvd, OKC	CSR				8.43	1976-78
07159620	Bluff Ck abv Bethany Swg Trmt Plnt *OKC	QWP	CNOP				1983-84
07159630	Deer Ck abv Bethany Swg Trtmt Plnt *OKC	QWP	CNOP				1983-84
07159640	Bluff Ck blw Bethany Swg Trmt Plnt *OKC	QWP	CNOP				1983-84
07159645	Deer Ck blw Deer Ck Swg Trtmt Plnt OKC	QWP	CNOP				1983-84
07159680	Chisholm Ck at Village Dr, OKC	CSR				1.22	1976-78
07159720	Cottonwood Ck nr Navina	STR		OBS	JG	247.	1978-80,82-
07159720	Cottonwood Ck nr Navina	QWD	COP			247.	1978-80
07159720	Cottonwood Ck nr Navina	SED	S		JG	247.	1982-
07159720	Cottonwood Ck nr Navina	QWP	CP		JG	247.	1981-
07159720	Cottonwood Ck nr Navina	QWP	COB		B	247.	1984
07159750	Cottonwood Ck at Seward	STR				316.	1973-82
07159750	Cottonwood Ck at Seward	QWD	CNP			316.	1973-82
07159750	Cottonwood Ck at Seward	QWMP	CNP			316.	1975-79
07159750	Cottonwood Ck at Seward	SED	S			316.	1978-82
07159800	Cottonwood Ck nr Guthrie	LF				366.	1952-73
07159800	Cottonwood Ck nr Guthrie	QWP	CP			366.	1951
07159805	Cottonwood Ck at Guthrie	PR				370.	1889-56
07160000	Cimarron R nr Guthrie	STR			JG	16892.	1949,53-63,83-
07160000	Cimarron R nr Guthrie	QWD	CP			16892.	1949,53-63
07160000	Cimarron R nr Guthrie	QWMP	CNP			16892.	1973-79
07160000	Cimarron R nr Guthrie	SED	S			16892.	1976
07160280	Boggy Ck at Enid Ave, Enid	STR				20.8	1975
07160280	Boggy Ck at Enid Ave, Enid	QWP	BCNP			20.8	1975
07160290	N Boggy Ck at Garriott Rd, Enid	STR				8.98	1975
07160290	N Boggy Ck at Garriott Rd, Enid	QWP	BCNP			8.98	1975
07160300	Boggy Ck at 30th St, Enid	STR				35.8	1975
07160300	Boggy Ck at 30th St, Enid	QWD	BCNP			35.8	1975
07160310	Boggy Ck Trib at Garriott Rd, Enid	QWP	BCNP				1975
07160315	Boggy Ck abv Swg Trtmt Plnt Enid	QWP	BCNP				1975
07160320	Boggy Ck blw Swg Trtmt Plnt Enid	QWP	BCNP				1975
07160460	Skeleton Ck nr Roxona	QWP	CP				1950
07160500	Skeleton Ck nr Lovell	STR			JG	410.	1949-
07160500	Skeleton Ck nr Lovell	QWD	CP			410.	1951-55
07160500	Skeleton Ck nr Lovell	QWMP	CNP			410.	1975-79
07160550	W Beaver Ck nr Orlando	CS			HG	13.9	1964-85
07160550	W Beaver Ck nr Orlando	CSR				13.9	1964-76
07161000	Cimarron R at Perkins	STR		DCP	AC	17852.	1939-
07161000	Cimarron R at Perkins	QWH	BCNP			17852.	1950,53-63,69-80

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Table 2.--*Station number listing of current and historical gaging stations maintained by the U.S. Geological Survey*
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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07161000	Cimarron R at Perkins	QWMP	CNP			17852.	1973-77
07161000	Cimarron R at Perkins	SED	S		CAE	17852.	***1973-
07161000	Cimarron R at Perkins	QWP	BCNP		AE	17852.	1981-
07161450	Cimarron R nr Ripley	STR		DCP	C		1987-
07161500	Lake Carl Blackwell nr Stillwater	QWP	CP				1947,49,51,55
07162000	Stillwater Ck at Stillwater	STR				168.	1935-38
07162000	Stillwater Ck at Stillwater	SED	S			168.	1934-37
07162500	W Fk Brush Ck nr Stillwater	STR				13.1	1935-38
07162500	W Fk Brush Ck nr Stillwater	SED	S			13.1	1934-37
07163000	Council Ck nr Stillwater	STR			JG	31.0	1934-
07163000	Council Ck nr Stillwater	QWP	CP			31.0	1944
07163000	Council Ck nr Stillwater	SED	S			31.0	1934-37
07163020	Corral Ck nr Yale	CS				2.89	1964-65
07163500	Cimarron R at Oilton	CS				18669.	1964-75
07163500	Cimarron R at Oilton	STR				18669.	1934-45
07163500	Cimarron R at Oilton	QWP	CP			18669.	1944
07163900	House Ck nr Terlton	QWP	CP			0.81	1953-55
07164000	Cimarron R at Mannford	STR				18849.	1939-50,59-63
07164000	Cimarron R at Mannford	QWP	CP			18849.	1950-52,60-63
07164200	Keystone Lake nr Sand Springs	RES		DCP	C	74506.	1964-
07164200	Keystone Lake nr Sand Springs	QWP	CP			74506.	1965-75
07164200	Keystone Lake nr Sand Springs	QWMP	COP			74506.	1973-75
07164210	Ark R at Keystone L. TW	STGU		DCP	C		
07164400	Arkansas R Sand Springs Br nr Tulsa	QWH	BCNP			74615.	1946-77
07164400	Arkansas R Sand Springs Br nr Tulsa	QWMP	CNP			74615.	1976-77
07164400	Arkansas R Sand Springs Br nr Tulsa	SED	S			74615.	1974-77
07164500	Arkansas R at Tulsa	STR		DCP	C	74615.	1925-
07164500	Arkansas R at Tulsa	QWH	BCNP	OBS	CA	74615.	1960-61,77-80
07164500	Arkansas R at Tulsa	QWMP	CNP			74615.	1977
07164500	Arkansas R at Tulsa	SED	S		A	74615.	1977-
07164500	Arkansas R at Tulsa	QWP	BCNP		CA	74615.	1960-61,81-
07164500	Arkansas R at Tulsa	QWD	P		C	74615.	1977-
07164940	Deep Ck nr Olive	CS				3.25	1967-72
07165000	Heyburn Lake nr Heyburn	RES		DCP	C	123.	1950-
07165000	Heyburn Lake nr Heyburn	QWP	CP			123.	1961
07165500	Polecat Ck at Heyburn	STRP				123.	1943-79
07165500	Polecat Ck at Heyburn	QWP	CP			123.	1952-53,56-58,61
07165500	Polecat Ck at Heyburn	SED	S			123.	1978-79
07165507	Rock Cr at Sapulpa	LF			SG	67.3	1979-85
07165510	Polecat Ck nr Jenks	QWP	COP				1960-63

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Table 2.--*Station number listing of current and historical gaging stations maintained by the U.S. Geological Survey*
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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07166520	Arkansas R at Bixby	QWD	CP				1949
07166550	Snake Ck nr Bixby	CS				50.0	1951-70**71-76
07166559	Snake Ck nr Leonard	QWP	CP				1960-61
07166570	Arkansas R nr Haskell	STR		DCP	C	75473.	1972-
07166570	Arkansas R nr Haskell	QWP	BCNP			75473.	1974-75
07166570	Arkansas R nr Haskell	QWMP	CNP			75473.	1974-79
07166570	Arkansas R nr Haskell	SED	S			75473.	1974-75
07166572	Coweta Ck nr Coweta	QWP	CP				1961
07166581	Cane Ck nr Jamesville	QWP	CP				1960-61
07166600	Arkansas R nr Tullahassee	STR				75815.	1971-72
07166610	Arkansas R at Muskogee	QWP	CP				1957,62,63
07170950	Verdigris R nr South Coffeyville	QWP	CP			4339.	1952-53
07171000	Verdigris R nr Lenapah	STR		DCP	C	3639.	1938-
07171000	Verdigris R nr Lenapah	QWP	CP			3639.	1945,52-64
07171000	Verdigris R nr Lenapah	QWMP	CNP			3639.	1973-79
07171080	California Ck nr Nowata	QWP	CP				1952-53,59
07171100	Verdigris R nr Nowata	QWP	CP				1952-53
07171105	E Fk Big Ck nr Hollow	QWMP	CP			14.4	1980-83
07171105	E Fk Big Ck nr Hollow	PR				14.4	1980-83
07171105	E Fk Big Ck nr Hollow	SED	S			14.4	1980-83
07171120	Clear Ck Trib nr Hollow	CS			HJG	2.19	1966-75,79-85
07171220	Big Ck nr Nowata	QWP	CP				1952-53,59
07171230	Salt Ck nr Alluwe	QWP	CP				1952-53,59
07171240	Lightning Ck nr Alluwe	QWP	CP				1952-53,59
07171260	Verdigris R nr Talala	QWP	CP				1952-53
07171300	Oologah Lake nr Oologah	RES		DCP	C	4339.	1963-
07171400	Verdigris R nr Oologah	STR			C	4339.	1961-
07171400	Verdigris R nr Oologah	QWP	CP			4339.	1962-63,65-75
07171400	Verdigris R nr Oologah	QWMP	CNP			4339.	1973-79
07171405	Verdigris R, Hwy 88 Br, nr Claremore	QWD	CP				1952-53,59
07171490	Sweetwater Ck nr Claremore	QWMP	CP				1980-83
07171490	Sweetwater Ck nr Claremore	PR					1980-83
07171490	Sweetwater Ck nr Claremore	SED	S				1980-83
07171500	Verdigris R nr Sageeyah	STRP				4402.	1939-45
07172000	Caney R nr Elgin KS	SED	CNP			445.	1973-75
07172470	Caney R nr Boulangerville	QWP	CP				1952-53
07172500	Hulah Lake nr Hulah	RES		DCP	C	732.	1950-
07173000	Caney R nr Hulah	STR			C	736.	1937-
07173000	Caney R nr Hulah	QWP	CP			736.	1952-53,**,60,63-64
07173000	Caney R nr Hulah	QWMP	CNP			736.	1975-79

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Table 2.--*Station number listing of current and historical gaging stations maintained by the U.S. Geological Survey*
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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07174000	Caney Ck nr Copan	STRP				424.	1944-58
07174150	Cotton Ck nr Copan	QWP	CP				1952-53,67-68
07174150	Cotton Ck nr Copan	QWMP	CNP				1973-79
07174200	Little Caney R blw Cotton Ck nr Copan	STRP				502.	1958-80
07174300	Copan Lake nr Copan	RES		DCP	C		1983-
07174310	Little Caney R blw Copan Lake nr Copan	STR			C		1984-
07174500	Caney R at Bartlesville	STRP				1465.	1950-56
07174500	Caney R at Bartlesville	QWP	CP			1465.	1952-53,67-68
07174500	Caney R at Bartlesville	STR		DCP	C	1465.	1950-56,86-
07174510	Coon Ck nr Dewey	QWP	CP				1952-53
07174570	Dry Hollow nr Pawhuska	CS				1.67	1965-72
07174600	Sand Ck at Okesa	STR			C	139.	1959-
07174600	Sand Ck at Okesa	QWP	CP			139.	1952-55,60-62
07174650	Sand Ck at Bartlesville	QWP	CP				1952-53
07174700	Caney R nr Ochelata	STRP				1753.	1956-76
07174700	Caney R nr Ochelata	QWP	CP			1753.	1960-61
07174700	Caney R nr Ochelata	QWMP	CNP			1753.	1973-75
07174720	Hogshooter Ck Trib nr Bartlesville	CS			HG	0.94	1965-86
07175000	Double Ck SWS #5 nr Ramona	STRP				2.39	1955-69
07175000	Double Ck SWS #5 nr Ramona	QWP	CP			2.39	1954-55,**,67-69
07175500	Caney R nr Ramona	STR		DCP	C	1955.	1935-39 1935-39 45-
07175500	Caney R nr Ramona	QWP	CNP		JG	1955.	1952-53,**65-
07175500	Caney R nr Ramona	QWMP	CNP			1955.	1975-79
07175550	Caney R nr Collinsville	QWP	CP				1949-53,59
07175550	Caney R nr Collinsville	LF			ZG		1979-84
07175550	Caney R nr Collinsville	STGU		DCP	C		1986-
07176000	Verdigris R nr Claremore	STR		DCP	C	6534.	1935-
07176000	Verdigris R nr Claremore	QWD	CP			6534.	1948-54,59
07176000	Verdigris R nr Claremore	QWMP	CNP			6534.	1978-79
07176320	Bird Ck nr Pawhuska	QWP	CP			157.	1952-53
07176350	Bird Ck nr Barnsdall	QWP	CP				1949-53
07176455	Birch Ck nr Barnsdall	QWP	CP				1965-66
07176460	Birch Lake nr Barnsdall	RES		DCP	C	66.0	1977-
07176465	Birch Ck blw Birch Lake nr Barnsdall	STR			C	66.0	1978-
07176500	Bird Ck at Avant	STR		DCP	C	364.	1945-
07176500	Bird Ck at Avant	QWP	CP			364.	1965-66
07176500	Bird Ck at Avant	QWMP	CNP			364.	1973-79
07176525	Candy Ck nr Avant	QWP	CP				1952,65-66
07176800	Candy Ck nr Wolco	STRP				30.6	1969-81
07176910	Bird Ck nr Skiatook	QWP	CP				1948-53

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Table 2.--*Station number listing of current and historical gaging stations maintained by the U.S. Geological Survey*
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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07176950	Hominy Ck nr Hominy	QWP	CP				1950-53,56,65-66
07177000	Hominy Ck nr Skiatook	STRP				340.	1944-80
07177000	Hominy Ck nr Skiatook	QWP	CP			340.	1948-53,65-66
07177400	Skiatook Lake nr Skiatook	RES		DCP	C	354.	1984-
07177410	Hominy Ck blw Skiatook Lk nr Skiatook	STR			C	354.	1984-
07177450	Hominy Ck nr Sperry	QWP	CP				1952-53
07177500	Bird Ck nr Sperry	STR		DCP	C	905.	1938-
07177500	Bird Ck nr Sperry	QWD	CP			905.	1952-53,**,64-76
07177500	Bird Ck nr Sperry	QWMP	CNP			905.	1976-77
07177500	Bird Ck nr Sperry	QWH	P		P	905.	1986-
07177520	Delaware Ck nr Sperry	QWP	CP				1952-53
07177600	Bird Ck at 66th St at Tulsa	STR			P		1986-
07177600	Bird Ck at 66th St at Tulsa	QWH	P		P		1986-
07177700	Flat Rock at Hwy 75 at Tulsa	STR			P		1986-
07177700	Flat Rock at Hwy 75 at Tulsa	QWH	P		P		1987-
07178000	Bird Ck nr Owasso	STR			P	1022.	1936-39,86-
07178000	Bird Ck nr Owasso	QWP	CP			1022.	1948-53
07178000	Bird Ck nr Owasso	QWH	P		P	1022.	1986-
07178040	Mingo Ck at N 46th St at Tulsa	STR			P		1987-
07178040	Mingo Ck at N 46th St at Tulsa	QWH	P		P		1987-
07178050	Bird Ck nr Catoosa	QWP	CP		JG	1080.	1965-
07178050	Bird Ck nr Catoosa	QWMP	CNP			1080.	1975-79
07178400	Bird Ck at Catoosa	QWMP	CNP				1978-79
07178450	Verdigris R at Catoosa	STGU		DCP	C	7709.	
07178500	Verdigris R nr Catoosa	STR					1903-05
07178550	Dog Ck nr Claremore	LF			ZG	63.6	1979-84
07178580	Otter Ck nr Tiawah	CS				15.2	1966-72
07178600	Verdigris R nr Inola	STRP				7911.	1945-70
07178600	Verdigris R nr Inola	QWP	BCNP			7911.	1948-72
07178600	Verdigris R nr Inola	QWMP	CNP			7911.	1977
07178600	Verdigris R nr Inola	SED	S			7911.	1948-72
07178600	Verdigris R nr Inola	STGU		DCP	C	7911.	1986-
07178620	Newt Graham L D nr Inola	QWP	BCNP		A	8030.	1971-
07178620	Newt Graham L D nr Inola	QWMP	CNP			8030.	1973-77
07178620	Newt Graham L D nr Inola	SED	S		A	8030.	1974-
07178620	Newt Graham L D nr Inola	RESU		DCP	C	8030.	1986-
07178625	Newt Graham L D nr Inola	STGU			C		1986-
07178640	Bull Ck nr Inola	CS				10.7	1965-75
07178645	Chouteau L D nr Chouteau (US)	STGU			C		1986-
07178650	Billy Ck Trib nr Wagoner	CS				5.71	1966-72

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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07178670	Chouteau L D nr Chouteau (DS)	QWP	CP				1952-53,60-63
07178670	Chouteau L D nr Chouteau (DS)	STGU		DCP	C		1986-
07185000	Neosho R nr Commerce	STR		DCP	LG	5876.	1939-
07185000	Neosho R nr Commerce	QWP	CNP			5876.	1948-54,60-73
07185000	Neosho R nr Commerce	SED	S		C	5876.	1978-
07185000	Neosho R nr Commerce	QWMP	CNP			5876.	1973-79
07185095	Tar Ck at 22nd St at Miami	STR			JG	44.7	1984-
07185095	Tar Ck at 22nd St at Miami	QWP	CNOP		J	44.7	1985-
07185100	Tar Ck at Miami	STR	S		JG	52.0	1980-84
07188000	Spring R nr Quapaw	STR		DCP	LGC	2510.	1939-
07188000	Spring R nr Quapaw	QWP	CP			2510.	1948-58,60-63
07188000	Spring R nr Quapaw	QWMP	CNP			2510.	1973-79
07188140	Flint Br nr Peoria	CS			HG	4.90	1984-85
07188500	Lost Ck at Seneca MO	CS				42.0	1949-59*,60-74
07188500	Lost Ck at Seneca MO	QWP	CP			42.0	1951-58
07189000	Elk R nr Tiff City MO	STR		DCP	LGC	872.	1939-
07189000	Elk R nr Tiff City MO	QWP	CP			872.	1948-49,51-58,60-61
07189000	Elk R nr Tiff City MO	QWMP	CNP			872.	1973-77
07189480	Wolf Ck nr Grove	LF				7.21	1966-72
07189500	Neosho R nr Grove	STR				9969.	1925-39
07189700	Horse Ck at Afton	CS			HG	21.9	1966-85
07189720	Horse Ck Trib nr Afton	CS				.81	1966-72
07190000	Lake O' The Cherokees at Langley	RES		RES	LG	10298.	1940-
07190000	Lake O' The Cherokees at Langley	QWP	CP			10298.	1948-49
07190500	Neosho R nr Langley	STR			LG	10335.	1939-
07190500	Neosho R nr Langley	QWP	CP			10335.	1950-59
07190500	Neosho R nr Langley	QWMP	CNP			10335.	1973-79
07190595	Big Cabin Ck nr Welch	QWMP	CP			28.1	1980-83
07190595	Big Cabin Ck nr Welch	PR				28.1	1980-83
07190595	Big Cabin Ck nr Welch	SED	S			28.1	1980-83
07190597	Big Cabin Ck Trib nr Welch	QWMP	CP				1980-83
07190597	Big Cabin Ck Trib nr Welch	PR					1980-83
07190597	Big Cabin Ck Trib nr Welch	SED	S				1980-83
07190600	Big Cabin Ck nr Pyramid Corners	CS				71.1	1963-72**,73-79
07190620	W Fk Big Cabin Ck nr Centralia	QWMP	CP			13.1	1980-83
07190620	W Fk Big Cabin Ck nr Centralia	PR				13.1	1980-83
07190620	W Fk Big Cabin Ck nr Centralia	SED	S			13.1	1980-83
07190625	M Fk Big Cabin Ck nr Pyramid Corners	QWMP	CP			13.4	1980-83
07190625	M Fk Big Cabin Ck nr Pyramid Corners	PR				13.4	1980-83
07190625	M Fk Big Cabin Ck nr Pyramid Corners	SED	S			13.4	1980-83

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Table 2.--*Station number listing of current and historical gaging stations maintained by the U.S. Geological Survey*
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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07190650	Big Cabin Ck nr Vinita	QWP	CP				1949-51
07190850	Little Cabin Ck nr Vinita	QWP	CP				1948-51
07191000	Big Cabin Ck nr Big Cabin	STR		DCP	LGC	466.	1947-
07191000	Big Cabin Ck nr Big Cabin	QWP	CP			466.	1951-60,64-71
07191000	Big Cabin Ck nr Big Cabin	QWMP	CNP			466.	1975-77
07191200	Spavinaw Ck nr Row	STR				128.	1959-62
07191200	Spavinaw Ck nr Row	QWP	CP			128.	1959-61
07191220	Spavinaw Ck nr Sycamore	STR			PG	133.	1961-
07191220	Spavinaw Ck nr Sycamore	QWMP	CNP			133.	1977
07191220	Spavinaw Ck nr Sycamore	QWP	CNP		A	133.	1968,77,80-
07191223	Spavinaw Ck nr Jay	QWP	CP				1958-59,61
07191260	Brushy Ck nr Jay	CS				16.0	1965-72
07191350	Salina Ck nr Salina	QWP	CP				1948-49,51-53,58-59
07191355	Spavinaw Ck nr Spavinaw	QWP	CP				1948-51
07191400	Lake Hudson nr Locust Grove	RESP		RES	LG	11534.	1964-
07191500	Neosho R nr Chouteau	STR			LG	11546.	1938-50,63-
07191500	Neosho R nr Chouteau	QWP	CP			11546.	1951-58,60
07191500	Neosho R nr Chouteau	QWMP	CNP			11546.	1973-79
07192000	Pryor Ck nr Pryor	STR				229.	1948-64
07192000	Pryor Ck nr Pryor	QWP	CP			229.	1948-63
07192030	Pryor Ck at Elliot St Bridge nr Pryor	QWP	CNP				1966-71
07192050	Pryor Ck at Hwy 69A Bridge nr Pryor	QWP	CP				1958,62-63
07192060	Pryor Ck blw Sulphur Ck nr Pryor	QWP	CNP				1966-75
07192500	Neosho R nr Wagoner	STR				12307.	1924-49
07192500	Neosho R nr Wagoner	QWP	CP			12307.	1948-50
07193000	Fort Gibson Lake nr Fort Gibson	RES		DCP	C	12492.	1949-
07193500	Neosho R blw Ft Gibson L nr Ft Gibson	STGU		OBS	C	12495.	1950-
07193500	Neosho R blw Ft Gibson L nr Ft Gibson	QWP	BCNP		A	12495.	1952-
07193500	Neosho R blw Ft Gibson L nr Ft Gibson	QWMP	CNP			12495.	1973-77
07193500	Neosho R blw Ft Gibson L nr Ft Gibson	SED	S		A	12495.	1973-
07194500	Arkansas R nr Muskogee	STR		BDT		96674.	1926-70
07194500	Arkansas R nr Muskogee	QWP	CP			96674.	1957 63
07194500	Arkansas R nr Muskogee	QWMP	CNP			96674.	1973-79
07194500	Arkansas R nr Muskogee	STGU		DCP	C	96674.	1986-
07194512	Bayou Manard nr Ft Gibson	QWP	CP				1961
07194515	Mill Ck nr Park Hill	CS			HG	2.57	1965-85
07194540	Greenleaf Lake nr Braggs	QWP	CP				1949,51,52
07194545	Greenleaf Ck nr Braggs	QWP	CP				1953-55
07194550	Ark R at Weber Falls L D (US)	STGU		DCP	C	97049.	1986-
07194551	Ark R at Weber Falls L D	QWD	CP			97049.	1949,57-63

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Table 2.--*Station number listing of current and historical gaging stations maintained by the U.S. Geological Survey*
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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07194551	Ark R at Weber Falls L D	STGU			C	97049.	1986-
07195500	Illinois R nr Watts	STR		DCP	C	635.	1955-
07195500	Illinois R nr Watts	QWP	CNP			635.	1955-61,63,69-73
07195500	Illinois R nr Watts	QWMP	CNP			635.	1975-79
07196000	Flint Ck nr Kansas	QWP	CP			110.	1955-61,63
07196000	Flint Ck nr Kansas	QWMP	CNP			110.	1975-79
07196000	Flint Ck nr Kansas	STR			JG	110.	1979-
07196010	Flint Ck Trib nr Flint	CS				0.94	1966-72
07196380	Illinois R Trib nr Tahlequah	CS				3.59	1965-75
07196500	Illinois R nr Tahlequah	STR		DCP	JG	959.	1935-
07196500	Illinois R nr Tahlequah	QWP	CP			959.	1960-61
07196500	Illinois R nr Tahlequah	QWMP	CNP			959.	1975-79
07196500	Illinois R nr Tahlequah	SED	S		C	959.	1976-
07196510	Tahlequah Ck at Tahlequah	QWMP	CNP			13.4	1976-77
07196900	Baron Fk at Dutch Mills Ark	QWP	C			43.0	1959-61
07197000	Baron Fk at Eldon	STR		DCP	CJG	307.	1948-
07197000	Baron Fk at Eldon	QWP	CP			307.	1958-60
07197000	Baron Fk at Eldon	QWMP	CNP			307.	1975-79
07197500	Tenkiller Ferry Lake nr Gore	RES		DCP	C	1610.	1952-
07197520	Illinois R at Tenkiller L TW	STGU			C		1986-
07198000	Illinois R nr Gore	STR			C	1626.	1939***,48,52,54-
07198000	Illinois R nr Gore	QWP	CP	DCP	JG	1626.	1948-
07198000	Illinois R nr Gore	QWMP	CNP			1626.	1973-79
07198500	Dirty Ck nr Warner	STRP				227.	1940-46
07198500	Dirty Ck nr Warner	QWP	CP			227.	1960-61
07198800	South Fk nr Porum	QWMP	CP			48.7	1980-83
07198800	South Fk nr Porum	PR				48.7	1980-83
07198800	South Fk nr Porum	SED	S			48.7	1980-83
07228000	Canadian R nr Canadian TX	QWMP	CNP			22866.	1973-77
07228150	Commission Ck nr Grand	LF				57.8	1965-66
07228200	Canadian R nr Roll	QWP	CP			23615.	1950-53,62-63
07228200	Canadian R nr Roll	QWMP	CNP			23615.	1950-51,76-77
07228220	Turkey Ck nr Camargo	LF				86.0	1965-73
07228250	Canadian R at Taloga	QWP	C				1953
07228280	Little Robe Ck nr Oakwood	CS				6.30	1966-72
07228290	Rough Ck nr Thomas	CS			HG	10.4	1964-85
07228300	Canadian R nr Thomas	QWP	CP				1952-53,61-63
07228400	Deer Ck at Hydro	STR				274.	1961-64,77-80
07228400	Deer Ck at Hydro	QWP	CNP			274.	1951-58,60-63,77-80
07228450	Deer Ck Trib nr Hydro	CS				2.31	1964-75

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Table 2.--*Station number listing of current and historical gaging stations maintained by the U.S. Geological Survey September 30, 1987*--Continued
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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07228500	Canadian R at Bridgeport	STR		OBS	JG	25229.	1944-64,69-
07228500	Canadian R at Bridgeport	QWD	CNP			25229.	1949-61,64,70-81
07228500	Canadian R at Bridgeport	QWMP	CNP			25229.	1973-79
07228500	Canadian R at Bridgeport	SED	S			25229.	1978-81
07228500	Canadian R at Bridgeport	QWP	CNOPS		JG	25229.	1981-
07228600	Canyon View Ck nr Geary	CS				11.8	1964-72
07228700	Canadian R nr Union City	QWP	CNP				1952-53,73
07228930	Worley Ck nr Tuttle	CS			HG	11.2	1965-72,75-85
07228960	Canadian R Trib nr Newcastle	CS				3.32	1965-75
07229000	Canadian R nr Newcastle	STR				25763.	1939-45
07229030	Merkle Ck at Norman	CSR			c		1988-
07229050	Canadian R at Norman	QWP	CP				1958
07229055	Bishop Cr at Norman	CSR			c		1987-
07229055	Bishop Cr at Norman	CSR					1988-
07229100	Canadian R nr Noble	STR				25911.	1960-61,63-75
07229100	Canadian R nr Noble	QWD	CNP			25911.	1965-71,73-74
07229100	Canadian R nr Noble	QWMP	CNP			25911.	1973-75
07229100	Canadian R nr Noble	SED	S			25911.	1976
07229200	Canadian R at Purcell	STR			JG	25939.	1960-61,79-82,86-
07229200	Canadian R at Purcell	QWD	CNP			25939.	1952,**60-63,74-75
07229200	Canadian R at Purcell	QWMP	CNP			25939.	1975-79
07229200	Canadian R at Purcell	SED	S			25939.	1979-82
07229220	Walnut Ck nr Blanchard	CS				1.26	1964-72
07229300	Walnut Ck at Purcell	STR			JG	202.	1965-
07229300	Walnut Ck at Purcell	QWP	CP			202.	1950-55,58-62
07229300	Walnut Ck at Purcell	QWMP	CNP			202.	1976-77
07229420	Julian Ck Trib nr Asher	CS			HG	2.28	1964-85
07229425	Spring Ck nr Ada	QWP	CP				1952-53
07229427	Canadian Sandy Ck nr Ada	STR			B		1986-
07229427	Canadian Sandy Ck nr Ada	QWP	C	N	P		1986-
07229427	Canadian Sandy Ck nr Ada	SED	S		B		1987-
07229430	Arbeca Ck nr Allen	CS				2.26	1964-74
07229441	Elm Ck nr Moore	QWP	CP				1960-61
07229442	E Elm Ck nr Moore	QWP	CP				1960
07229460	Little R abv Lake Thunderbird nr Norman	QWP	BCNP		B		1983-85
07229500	Little R nr Norman	STR				120.	1952-55
07229500	Little R nr Norman	QWP	CP			120.	1951-57,59,61
07229601	Clear Ck nr Norman	QWP	CP				1961
07229801	Hog Ck nr Stella	QWP	CP				1960-61
07229900	Lake Thunderbird nr Norman	RESP		RES	GM	256.	1965-

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Table 2.--*Station number listing of current and historical gaging stations maintained by the U.S. Geological Survey*
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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07229900	Lake Thunderbird nr Norman	QWP	CP		JGB	256.	1965-
07230000	Little R blw Lake Thunderbird nr Norman	STR			GM	257.	1952-
07230000	Little R blw Lake Thunderbird nr Norman	QWP	CP			257.	1953-65
07230000	Little R blw Lake Thunderbird nr Norman	QWMP	CNP			257.	1975-79
07230500	Little R nr Tecumseh	STR			C	456.	1943-
07230500	Little R nr Tecumseh	QWP	CP			456.	1951-63
07230500	Little R nr Tecumseh	SED	S			456.	***1973-78
07230531	Little R nr Harjo	QWP	CP				1961
07230558	Little R nr Maud	QWP	CP				1959,61
07230597	Little R nr Bowlegs	STR		OBS	B	550.	1983-
07230597	Little R nr Bowlegs	QWP	CNP		B	550.	1953,59,61,83-
07230597	Little R nr Bowlegs	SED	S		B	550.	1983-
07230651	Salt Ck nr Trousdale	QWP	CP				1961
07230700	Salt Ck nr Pearson	LF				83.8	1955-56
07230700	Salt Ck nr Pearson	QWP	CNP			83.8	1956-61
07230708	Blacksmith Ck nr Pearson	QWP	CP				1961
07230731	Salt Ck nr St Louis	QWP	CP				1959-61
07230800	Salt Ck nr Dewright	STR				210.	1960-63,66-67
07230800	Salt Ck nr Dewright	QWP	CP			210.	1952-63
07231000	Little R nr Sasakwa	STR			JG	865.	1942-
07231000	Little R nr Sasakwa	QWP	CP		JG	865.	1951-
07231000	Little R nr Sasakwa	QWMP	CN			865.	1975-79
07231000	Little R nr Sasakwa	SED	S			865.	1976
07231102	Deep Ck nr Spaulding	QWP	CP				1961
07231320	Leader Ck Trib nr Atwood	CS			HG	0.72	1984-85
07231500	Canadian R at Calvin	STR		DCP	C	27952.	**1905-06,44-
07231500	Canadian R at Calvin	QWP	BCNP		JGAE	27952.	1950-53,60-61,65-
07231500	Canadian R at Calvin	QWMP	CNP			27952.	1973-77
07231500	Canadian R at Calvin	SED	S		CAE	27952.	1975-85
07231560	Middle Ck nr Carson	CS				7.40	1984-74
07231950	Pine Ck nr Higgins	CS			HG	9.99	1984-86
07231955	Gaines Ck nr Higgins	PR					1978-80
07231955	Gaines Ck nr Higgins	QWP	CNP				1978-80
07231962	Ti Ck abv unnamed Trib nr Blanco	CS				1.83	1980-81
07231962	Ti Ck abv unnamed Trib nr Blanco	QWP	CNOP			1.83	1980-81
07231965	Ti Ck nr Blanco	STR				4.82	1980-81
07231965	Ti Ck nr Blanco	QWP	BCNP			4.82	1980-81
07231965	Ti Ck nr Blanco	SED	S			4.82	1980-81
07231975	Brushy Ck nr Haileyville	STR				139.	1978-82
07231975	Brushy Ck nr Haileyville	QWP	BCNP			139.	1978-82

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Table 2.--*Station number listing of current and historical gaging stations maintained by the U.S. Geological Survey September 30, 1987*--Continued
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07231975	Brushy Ck nr Haileyville	SED	S			139.	1978-81
07231990	Peaceable Ck nr Haileyville	STR				134.	1978-82
07231990	Peaceable Ck nr Haileyville	QWP	BCNP			134.	1978-82
07231990	Peaceable Ck nr Haileyville	SED	S			134.	1978-82
07232000	Gaines Ck nr Krebs	STRP				588.	1943-63
07232000	Gaines Ck nr Krebs	QWP	CP			588.	1946-47,50-51,60-62
07232008	Blue Ck Trib A nr Blocker	PR				4.67	1978-81
07232008	Blue Ck Trib A nr Blocker	QWP	CNP			4.67	1978-81
07232008	Blue Ck Trib A nr Blocker	SED	S			4.67	1978-81
07232009	Blue Ck Trib B nr Blocker	PR				0.22	1976-78
07232009	Blue Ck Trib B nr Blocker	QWP	CNP			0.22	1976-78
07232009	Blue Ck Trib B nr Blocker	SED	S			0.22	1976-78
07232010	Blue Ck nr Blocker	STR				12.1	1976-82
07232010	Blue Ck nr Blocker	QWP	CNP			12.1	1976-82
07232010	Blue Ck nr Blocker	SED	S			12.1	1976-81
07232024	Deer Ck nr McAlester	STR				38.3	1978-80
07232024	Deer Ck nr McAlester	QWP	CNP			38.3	1978-80
07232024	Deer Ck nr McAlester	SED	S			38.3	1978-80
07232027	Coal Ck nr McAlester	QWP	CP			196.	1960-61
07232029	Mathuldy Ck nr Crowder	PR				5.41	1976-81
07232029	Mathuldy Ck nr Crowder	QWP	CNP			5.41	1976-82
07232029	Mathuldy Ck nr Crowder	SED	S			5.41	1976-81
07232031	Rock Ck nr Crowder	QWP	CNP				1961
07232050	Gaines Ck nr Canadian	QWP	CP				1960-62
07232245	Beaver R at Felt	QWMP	CNP			850.	1977
07232250	Beaver R nr Felt	CS				879.	1972-79
07232250	Beaver R nr Felt	STR			JG	879.	1979-
07232400	Beaver (Sand) Ck nr Texhoma	LF				217.	1967-71
07232450	Tepee Ck nr Eva	LF				95.0	1967-73
07232500	Beaver R nr Guymon	STR		DCP	C	2139.	1937-
07232500	Beaver R nr Guymon	QWD	BCNP			2139.	1952,54-63,68-79
07232500	Beaver R nr Guymon	QWMP	CNP			2139.	1973-77
07232500	Beaver R nr Guymon	SED	S		C	2139.	1975-
07232550	South Fk Trib nr Guymon	CS	S		C	0.26	1975-
07232580	Goff Ck nr Hough	LF				470.	1968-71
07232590	Goff Ck nr Guymon	LF				510.	1964-68
07232610	Beaver R nr Optima	QWP	CP				1972-73
07232620	Pony Ck nr Optima	LF				223.	1966-71
07232630	Beaver R nr Hooker	QWP	CP			3017.	1972-73,75-79
07232630	Beaver R nr Hooker	QWMP	CNP			3017.	1977

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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07232650	Aqua Frio Ck nr Felt	CSR				31.0	1964-75
07232800	Panhandle Univ. - NADP at Goodwell	QWH		OBS	A		1985-
07232950	Coldwater Ck nr Guymon	STR			GJ		1981-
07233000	Coldwater Ck nr Hardesty	STR				1967.	1939-64
07233000	Coldwater Ck nr Hardesty	QWP	CP			1967.	1952-63
07233200	Optima Lake nr Hardesty	RES			C	5029.	1978-
07233210	Beaver R nr Hardesty	STR			C	4770.	1978-
07233210	Beaver R nr Hardesty	SED	S		C	4770.	1978-
07233700	Palo Duro Ck nr Range	LF				1745.	1951-73
07233700	Palo Duro Ck nr Range	QWP	CNP			1745.	1952-62
07233850	Sharp Ck Trib nr Turpin	CSR				1.00	1964-75
07234000	Beaver R at Beaver	STR		DCP	C	7955.	1937-
07234000	Beaver R at Beaver	QWD	BCNP			7955.	1952,58-59,62-82
07234000	Beaver R at Beaver	QWMP	CNP			7955.	1973-77
07234000	Beaver R at Beaver	SED	S		A	7955.	1974-
07234000	Beaver R at Beaver	QWP	BCNP		A	7955.	1983-
07234050	N Fk Clear Ck Trib nr Balko	CS			HG	4.22	1964-85
07234100	Clear Ck nr Elmwood	STR			JG	170.	1965-
07234100	Clear Ck nr Elmwood	QWP	CP			170.	1952-53
07234130	Duck Pond Ck nr Clear Lake	LF				97.0	1966-73
07234200	Kiowa Ck nr Slapout	LF				371.	1945,49-61,63-73
07234200	Kiowa Ck nr Slapout	QWP	CP			371.	1952-58,60
07234250	Kiowa Ck Trib nr Laverne	CS				2.14	1964-72
07234290	Clear Ck Trib nr Catesby	CS			HG	8.51	1966-85
07234300	Clear Ck nr May	QWP	CP			109.	1954-58,60
07234500	Beaver R nr Fort Supply	STGU				9615.	*1937-51,51-79
07235500	Wolf Ck nr Shattuck	STRP				1183.	1938-46
07235700	Little Wolf Ck Trib nr Gage	CS				18.4	1964-74
07236000	Wolf Ck nr Fargo	STR				1624.	1942-76
07236000	Wolf Ck nr Fargo	QWP	CP			1624.	1958,60-63
07236000	Wolf Ck nr Fargo	SED	S			1624.	***1973-76
07236050	Wolf Ck Trib nr Tangier	CS				6.23	1964-72
07236500	Fort Supply Lake nr Fort Supply	RES		DCP	C	1735.	1942-
07236500	Fort Supply Lake nr Fort Supply	QWP	CP			1735.	1949,50,53
07237000	Wolf Ck nr Fort Supply	STR		OBS	C	1739.	1937-
07237000	Wolf Ck nr Fort Supply	QWP	CP			1739.	1951-58,60
07237000	Wolf Ck nr Fort Supply	SED	S			1739.	1976
07237500	N Canadian R at Woodward	STR		DCP	C	11589.	1938-
07237500	N Canadian R at Woodward	QWP	BCNP		A	11589.	**1955,61-63,75-
07237500	N Canadian R at Woodward	QWMP	CNP			11589.	1973-77

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Table 2.--*Station number listing of current and historical gaging stations maintained by the U.S. Geological Survey*
September 30, 1987--Continued
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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07237500	N Canadian R at Woodward	SED	S		A	11589.	1975-
07237590	Indian Ck nr Woodward	QWP	CP				1951-57
07237700	Persimmon Ck nr Mutual	LF				164.	1958-61,65-73
07237700	Persimmon Ck nr Mutual	QWP	CP			164.	1951,58
07237750	Cottonwood Ck nr Vici	CS			HG	11.5	1964-85
07237800	Bent Ck nr Seiling	CS			JG	139.	*1966-70,71-
07237800	Bent Ck nr Seiling	QWP	CP			139.	1956
07237800	Bent Ck nr Seiling	STR			GJ	139.	1966-70
07238000	N Canadian R nr Seiling	STR		DCP	C	12261.	1946-
07238000	N Canadian R nr Seiling	QWP	BCNPS			12261.	1953-59,*,74-75
07238000	N Canadian R nr Seiling	QWMP	CNP			12261.	1973-79
07238000	N Canadian R nr Seiling	SED	S		C	12261.	***1973-
07238500	Canton Lake nr Canton	RES		DCP	C	12483.	1948-
07238500	Canton Lake nr Canton	QWP	CP		JG	12483.	**1949-50,68-
07239000	N Canadian R at Canton	STR		DCP	C	12484.	1937-
07239000	N Canadian R at Canton	QWD	CP			12484.	1951-59
07239000	N Canadian R at Canton	QWMP	CNP			12484.	1973-79
07239000	N Canadian R at Canton	SED	S			12484.	1976
07239050	N Canadian R Trib nr Eagle City	CS				0.52	1964-75
07239200	N Canadian R nr Watonga	STR			C	12692.	1954-83
07239200	N Canadian R nr Watonga	SED	S			12692.	***1973-78
07239300	N Canadian R blw Weavers Ck nr Watonga	STR		DCP	C		1984-
07239450	N Canadian R nr Ft Reno	QWP	BCNP				1974-75
07239450	N Canadian R nr Ft Reno	SED	S				1974-75
07239500	N Canadian R nr El Reno	STR		BDT	KG	13042.	**1902-08,37-
07239500	N Canadian R nr El Reno	QWD	CP			13042.	**1950-51,53,74-75
07239500	N Canadian R nr El Reno	QWMP	CNP			13042.	1973-79
07239500	N Canadian R nr El Reno	SED	S			13042.	***1973-78
07239650	Canadian R at Cemetary Rd nr Yukon	QWP	CNOP				1973
07239700	N Canadian R nr Yukon	PR			KG	13183.	1943-
07239700	N Canadian R nr Yukon	QWP	CP			13183.	1952-54
07239750	N Canadian R at Morgan Rd nr Yukon	QWP	CNOP				1973
07240000	Lake Hefner Canal nr OKC	STR			KG		1944-
07240500	Lake Overholser nr OKC	RESP		RES	KG	13221.	1937-
07241000	N Canadian R blw Lake Ovrholsr nr OKC	STR			KG	13222.	**1952-68,73-
07241000	N Canadian R blw Lake Ovrholsr nr OKC	QWD	CP			13222.	1960-61
07241000	N Canadian R blw Lake Ovrholsr nr OKC	SED	S	DCP	C	13222.	1978-
07241030	S Br T2 Mst'g Ck at SW74, Mustang	CSR				0.54	1976-81
07241031	S Br T,T2 Mst'g Ck at SW74, Mustang	CSR				0.29	1976-81
07241080	N Canadian R Trib at NW10, OKC	CS				1.78	1976-81

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Table 2.--*Station number listing of current and historical gaging stations maintained by the U.S. Geological Survey September 90, 1987*--Continued
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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07241210	Twin Ck at SW29 , OKC	CSR				3.35	1976-81
07241220	Brock Ck at SW59, OKC	CSR				2.26	1976-81
07241230	Lightning Ck at SW74 OKC	CS				3.96	1976-81
07241500	N Canadian R nr OKC	STR				13354.	1939-61
07241500	N Canadian R nr OKC	QWP	CP			13354.	1952,60-63
07241508	Crutcho Ck Tribat Reno Midwest City	CSR				1.41	1976-81
07241550	N Canadian R nr Harrah	STR		OBS	XG	13501.	1968-
07241550	N Canadian R nr Harrah	QWP	CNP		XG	13501.	1969-
07241550	N Canadian R nr Harrah	QWMP	CNP			13501.	1973-79
07241550	N Canadian R nr Harrah	SED	S		A	13501.	1983-
07241550	N Canadian R nr Harrah	QWD	P		XG	13501.	1968-
07241600	Lake Shawnee nr Shawnee	RESU				34.0	1957-78
07241880	Sand Ck nr Cromwell	CS			HG	9.48	1964-85
07242000	N Canadian R nr Wetumka	STR		DCP	C	14290.	1937-
07242000	N Canadian R nr Wetumka	QWP	BCNP		JGA	14290.	1952,54-
07242000	N Canadian R nr Wetumka	QWMP	CNP			14290.	1973-79
07242000	N Canadian R nr Wetumka	SED	S		AE	14290.	1977-
07242000	N Canadian R nr Wetumka	QWD	P		JGAE	14290.	1953-
07242050	Wewoka Ck nr Wewoka	QWP	CP				1962-63
07242080	Little Wewoka Ck nr Wetumka	QWP	CP				1962-63
07242090	Grief Ck nr Wetumka	QWP	CP				1962-63
07242100	Wewoka Ck nr Wetumka	STR				396.	1960-63,66-67
07242100	Wewoka Ck nr Wetumka	QWP	CP			396.	1952-57,60-64
07242109	Fish Ck nr Wetumka	QWP	CP				1960
07242160	Alabama Ck nr Weleetka	CS			HGJ	16.5	1965-
07242160	Alabama Ck nr Weleetka	CSR				16.5	1965-83
07242180	Stidham Ck Trib nr Dustin	CS				2.56	1964-76
07242190	N Canadian R nr Pierce	QWP	CP				1960-63
07242200	Deep Fk at Portland, OKC	CSR				2.98	1974-81
07242217	Deep Fk at Pennsylvania Ave, OKC	QWP	C				1960-62
07242219	Deep Fk Trib at NW 50, OKC	CSR				2.65	1976-81
07242220	Deep Fk at Eastern, OKC	CSR				28.2	1975-81
07242270	Spring Ck at Pine Oak Dr, Edmond	CSR				1.32	1976-81
07242300	Deep Fk at Witcher	QWP	CNOP				1960-62,73
07242340	Arcadia L nr Arcadia	RES		DCP	C		1986-
07242345	Deep Fork blw Arcadia L nr Arcadia	STR	QWP		C		1987-
07242345	Deep Fork blw Arcadia L nr Arcadia	QWP	CNP		C		1987-
07242345	Deep Fork blw Arcadia L nr Arcadia	SED	S		C		1987-
07242350	Deep Fk nr Arcadia	STR		OBS	C	105.	1969-87
07242350	Deep Fk nr Arcadia	QWP	CNP		C	105.	1970-87

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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07242350	Deep Fk nr Arcadia	QWMP	CNP			105.	1973-79
07242350	Deep Fk nr Arcadia	SED	S		C	105.	1978-87
07242370	Wildhorse Ck Trib nr Luther	CSR				2.12	1974-76
07242370	Wildhorse Ck Trib nr Luther	CS			JG	2.12	1974-
07242380	Deep Fk at Warwick	STR		DCP	C	522.	1984-
07242380	Deep Fk at Warwick	SED	S		C	522.	1984-
07242400	Deep Fk nr Chandler	QWP	CP				1960-62
07242500	Bellcow Ck at Chandler	STR				46.0	1948-55
07242500	Bellcow Ck at Chandler	QWP	CP			46.0	1949-54
07243000	Dry Ck nr Kendrick	STR			A	69.0	1955-
07243000	Dry Ck nr Kendrick	QWP	COP			69.0	**1955,70-73
07243450	Little Deep Fk Ck nr Edna	QWP	CP				1951-57,60-62
07243500	Deep Fk nr Beggs	STR		DCP	C	2018.	1938-
07243500	Deep Fk nr Beggs	QWP	BCNP		JGAE	2018.	1952-
07243500	Deep Fk nr Beggs	QWMP	CNP			2018.	1973-79
07243500	Deep Fk nr Beggs	SED	S		CAE	2018.	1978-
07243500	Deep Fk nr Beggs	QWD	P		JGA	2018.	1951-
07243550	Adams Ck nr Beggs	CS			HG	5.90	1965-85
07243550	Adams Ck nr Beggs	CSR				5.90	1965-76
07244000	Deep Fk nr Dewar	STRP				2307.	1938-50
07244000	Deep Fk nr Dewar	QWD	CP			2307.	1949-51
07244200	Deep Fk nr Pierce	QWP	CP			2548.	1960-63
07244500	N Canadian R nr Eufaula	STR				17657.	1960-62
07244500	N Canadian R nr Eufaula	QWP	CP			17657.	1952-53,60,61
07244550	Longtown Ck nr Enterprise	QWP	CP				1952-53
07244790	Brooken Ck nr Enterprise	CS				5.66	1964-71
07244800	Eufaula Lake nr Brooken	RES		DCP	C	47522.	1964-
07244800	Eufaula Lake nr Brooken	QWD	CP			47522.	1965-67
07244900	Canadian R at L Eufaula TW	RESU			C		1986-
07245000	Canadian R nr Whitefield	STR		DCP	C	47576.	1938-
07245000	Canadian R nr Whitefield	QWP	BCNP		JGA	47576.	1947-64,67-86
07245000	Canadian R nr Whitefield	QWMP	CNP			47576.	1973-77
07245000	Canadian R nr Whitefield	SED	S		A	47576.	1975-
07245000	Canadian R nr Whitefield	QWD	P	OBS	JGA	47576.	1944-45,46-64,66-86
07245020	Taloka Ck at Stigler	PR				3.98	1978-81
07245020	Taloka Ck at Stigler	QWP	CNP			3.98	1978-81
07245020	Taloka Ck at Stigler	SED	S			3.98	1978-81
07245025	Taloka Ck Trib nr Stigler	PR	CN			2.04	1979-81
07245025	Taloka Ck Trib nr Stigler	QWP	P			2.04	1978-81
07245025	Taloka Ck Trib nr Stigler	SED	S			2.04	1979-81

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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07245030	Taloka Ck nr Stigler	STR				20.1	1978-81
07245030	Taloka Ck nr Stigler	QWP	CNP			20.1	1978-81
07245030	Taloka Ck nr Stigler	SED	S			20.1	1978-81
07245040	Jackson Ck nr Stigler	PR				7.33	1980-81
07245040	Jackson Ck nr Stigler	QWP	CNP			7.33	1980-81
07245040	Jackson Ck nr Stigler	SED	S			7.33	1980-81
07245090	Vian Ck nr Vian	CS				19.6	1966-72
07245090	Vian Ck nr Vian	QWP	CP			19.6	1958-59
07245119	Little Vian Ck nr Vian	QWP	CP				1960
07245500	Sallisaw Ck nr Sallisaw	STRP				182.	1942-76
07245500	Sallisaw Ck nr Sallisaw	QWP	CP			182.	1952-63
07245500	Sallisaw Ck nr Sallisaw	QWMP	CNP			182.	1977
07245580	Mule Ck at SR 31 nr McCurtain	QWP	CP				1981-82
07245580	Mule Ck at SR 31 nr McCurtain	PR					1981-82
07245590	Mule Ck nr McCurtain	QWP	CP				1979-82
07245590	Mule Ck nr McCurtain	PR					1979-82
07245591	E Pond Outlet to Mule Ck nr McCurtain	QWP	CP				1979-82
07245591	E Pond Outlet to Mule Ck nr McCurtain	PR					1979-82
07245592	Mule Ck nr McCurtain	QWP	CP				1981-82
07245592	Mule Ck nr McCurtain	PR					1981-82
07245594	Mule Ck nr McCurtain	QWP	CP				1981-82
07245594	Mule Ck nr McCurtain	PR					1981-82
07245703	Sans Bois Ck nr Kinta	QWP	CP				1961
07246000	Sans Bois Ck nr Keota	STR				346.	1938-42
07246000	Sans Bois Ck nr Keota	QWP	CP			346.	1958-63
07246310	R S Kerr L D nr Sallisaw (Ark US)	RESU		DCP	C		1986-
07246400	R S Kerr L D nr Sallisaw (Ark R)	QWP	CP		JG	147756.	1970-
07246400	R S Kerr L D nr Sallisaw (Ark R)	QWMP	CNP			147756.	1975-79
07246400	R S Kerr L D nr Sallisaw (Ark R)	RESU			C	147756.	1986-
07246500	Arkansas R nr Sallisaw	STRP				147757.	1948-70
07246500	Arkansas R nr Sallisaw	QWD	CP			147757.	1957 59-63
07246800	Cache Ck nr Cowlington	CS				20.6	1964-72
07246800	Cache Ck nr Cowlington	QWP	CP			20.6	1959-61
07246810	Pecan Ck nr Spiro	CSR				0.90	1964-76
07246815	Coal Ck nr Spiro	STR				18.1	1978-82
07246815	Coal Ck nr Spiro	QWH	P			18.1	1978-82
07246815	Coal Ck nr Spiro	SED	S			18.1	1978-81
07246815	Coal Ck nr Spiro	QWP	BCNP			18.1	1978-81
07246830	Big Black Fox Ck nr Long	CS			HG	5.32	1964-85
07246700	W D Mayo L D nr Braden US	RESU			C		1986-

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Table 2.--*Station number listing of current and historical gaging stations maintained by the U.S. Geological Survey*
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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07246710	W D Mayo L D nr Braden DS	RESU		DCP	C		1986-
07247000	Poteau R at Cauthron AR	QWMP	CNP			203.	1973-75
07247350	Poteau R nr Heavener	QWMP	CNP				1976-79
07247450	Fourche Maline nr Wilburton	STR				56.2	1978-81
07247450	Fourche Maline nr Wilburton	QWH	P			56.2	1978-80
07247450	Fourche Maline nr Wilburton	SED	S			56.2	1978-81
07247450	Fourche Maline nr Wilburton	QWP	CNP			56.2	1978-81
07247500	Fourche Maline nr Red Oak	STR			JG	122.	1938-
07247500	Fourche Maline nr Red Oak	QWP	CP			122.	1952,54,56-60,63
07247500	Fourche Maline nr Red Oak	QWMP	CNP			122.	1978-79
07247550	Red Oak Ck nr Red Oak	STR				13.1	1978-82
07247550	Red Oak Ck nr Red Oak	QWP	CNP			13.1	1978-81
07247550	Red Oak Ck nr Red Oak	SED	S			13.1	1978-81
07247550	Red Oak Ck nr Red Oak	QWH	P			13.1	1980-81
07248000	Wister Lake nr Wister	RES		DCP	C	993.	1949-
07248000	Wister Lake nr Wister	QWP	CP			993.	1960-64
07248500	Poteau R nr Wister	STGU			C	993.	1938-
07248500	Poteau R nr Wister	QWP	CP			993.	1948,52,55-59
07248500	Poteau R nr Wister	QWMP	CNP			993.	1973-79
07248600	Caston Ck at Wister	STR				72.9	1978-82
07248600	Caston Ck at Wister	QWP	BCNP			72.9	1978-81
07248600	Caston Ck at Wister	SED	S			72.9	1978-81
07248620	Morris Ck at Howe	STR				19.4	1978-81
07248620	Morris Ck at Howe	QWP	CNP			19.4	1978-81
07248620	Morris Ck at Howe	SED	S			19.4	1978-81
07248700	Sugarloaf Ck nr Monroe	STR				53.6	1978-81
07248700	Sugarloaf Ck nr Monroe	QWP	CNP			53.6	1978-81
07248700	Sugarloaf Ck nr Monroe	SED	S			53.6	1978-81
07249000	Poteau R at Poteau	STR				1240.	1938-45
07249000	Poteau R at Poteau	QWP	CP			1240.	1944-45
07249000	Poteau R at Poteau	STGU			C	1240.	1986-
07249060	Brazil Ck nr Red Oak	PR				2.74	1978-81
07249060	Brazil Ck nr Red Oak	QWP	CNP			2.74	1978-81
07249060	Brazil Ck nr Red Oak	SED	S			2.74	1978-81
07249070	Rock Ck nr Red Oak	PR				12.0	1978-81
07249070	Rock Ck nr Red Oak	QWP	CNP			12.0	1978-81
07249070	Rock Ck nr Red Oak	SED	S			12.0	1978-81
07249073	Brazil Ck nr Lodi	PR				28.8	1980-81
07249073	Brazil Ck nr Lodi	QWP	CNP			28.8	1980-81
07249073	Brazil Ck nr Lodi	SED	S			28.8	1980-81

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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07249080	Brazil Ck nr Walls	STR		OBS	A	69.1	1978-81,84-
07249080	Brazil Ck nr Walls	QWP	CNP			69.1	1978-81
07249080	Brazil Ck nr Walls	SED	S			69.1	1978-81,84-
07249100	Owl Ck nr McCurtain	STR				27.9	1978-81
07249100	Owl Ck nr McCurtain	QWP	CNP			27.9	1978-81
07249100	Owl Ck nr McCurtain	SED	S			27.9	1978-81
07249200	Brazil Ck nr Panama	QWP	CP				1960-61
07249400	James Fk nr Hackett AR	STR			W	148.	1958-
07249400	James Fk nr Hackett AR	QWP	CNP			148.	1960-61,76-81
07249400	James Fk nr Hackett AR	SED	S			148.	1976-81
07249410	James Fk nr Williams	PR				198.	1976-81
07249410	James Fk nr Williams	QWP	CNP			198.	1976-81
07249410	James Fk nr Williams	SED	S			198.	1976-81
07249415	Coal Ck Trib nr Bokoshe	PR				1.26	1976-79
07249415	Coal Ck Trib nr Bokoshe	QWP	CNP			1.26	1976-79
07249415	Coal Ck Trib nr Bokoshe	SED	S			1.26	1976-79
07249419	Poteau R nr Panama	CS					1976-79
07249419	Poteau R nr Panama	QWP	CNP				1976-79
07249419	Poteau R nr Panama	SED	S				1977-79
07249419	Poteau R nr Panama	STGU		DCP	C		1986-
07249422	Holi-Tuska Ck nr Panama	STRP				4.39	1978-81
07249422	Holi-Tuska Ck nr Panama	QWP				4.39	1978-81
07249422	Holi-Tuska Ck nr Panama	SED	S			4.39	1978-81
07249438	Poteau R nr Braden	QWP	CP				1958-59,62-63
07249440	Poteau R nr Fort Smith AR	QWMP	CNP				1975-77
07249800	Lee Ck nr Short	QWP	CP			236.	1958-61
07249800	Lee Ck nr Short	QWMP	CNP			236.	1976-77
07249900	Little Lee Ck nr Short	QWMP	CNP			103.	1978-79
07250500	Arkansas R at Van Buren AR	QWP	CP			150482.	1960-61
07250500	Arkansas R at Van Buren AR	QWMP	CNP			150482.	1973-75
07250500	Arkansas R at Van Buren AR	STGU		DCP	C	150482.	1986-
07250550	Arkansas R at Dam 13 nr Van Buren	QWMP	CNP			150547.	1976-77
07298500	Prairie Dog Town Fk Red R nr Brice TX	QWP	C			6082.	1960
07299565	Red R nr Hollis	QWMP	CNP			8154.	1977
07299570	Red R nr Quanah TX	QWMP	CNP			8321.	1973-77
07299702	Bitter Ck nr Hollis	STR			JG		1987-
07299705	Bitter Ck nr Hollis	CS				11.3	1964-72
07299710	Sandy Ck nr Eldorado	STR				280.	1960-64
07299710	Sandy Ck nr Eldorado	QWP	CP			280.	1952-55,58,61-63
07299710	Sandy Ck nr Eldorado	MISC			J	280.	1987-

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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07299720	Mule Ck nr Eldorado	CS				3.84	1965-72
07299725	Eldorado Spring nr Eldorado	QWP	CP				1950
07299770	Gypsum Ck nr Creta	QWP	CP				1961
07299780	Gypsum Ck nr Olustee	LF				107.	1954-57,65-73
07299780	Gypsum Ck nr Olustee	QWP	CP			107.	1955-57
07299780	Gypsum Ck nr Olustee	MISC			J	107.	1987-
07299780	Gypsum Ck nr Olustee	STR				107.	1987-
07300000	Salt Fk Red R nr Wellington TX	QWMP	CNP			1222.	1976-77
07300150	Bear Ck nr Vinson	CS			HG	7.24	1964-85
07300150	Bear Ck nr Vinson	CSR				7.24	1964-76
07300400	Salt Fk Red R nr Vinson	QWP	CP			1421.	1952-54,60-63
07300400	Salt Fk Red R nr Vinson	QWMP	CNP			1421.	1977
07300500	Salt Fk Red R at Mangum	STR		OBS	JG	1566.	1938-
07300500	Salt Fk Red R at Mangum	QWP	CP			1566.	**1947-52,54,60-63
07300500	Salt Fk Red R at Mangum	QWMP	CNP			1566.	1975-79
07300500	Salt Fk Red R at Mangum	SED	S			1566.	1976-78
07301000	Turkey Ck nr Olustee	STR				244.	1905-08
07301100	Turkey Ck at Olustee	STR				293.	1960-64
07301100	Turkey Ck at Olustee	QWP	CP			293.	1952,54-57,61-63
07301100	Turkey Ck at Olustee	MISC			J	293.	1987-
07301100	Turkey Ck at Olustee	STR			JG	293.	1987-
07301110	Salt Fk Red R nr Elmer	STR		OBS	JG	1878.	1979-
07301110	Salt Fk Red R nr Elmer	QWP	BCNP		A	1878.	1978-
07301110	Salt Fk Red R nr Elmer	SED	S		A	1878.	1978-
07301315	N Fk Red R nr Texola	QWMP	CNP			1284.	1977
07301420	Sweetwater Ck nr Sweetwater	STR			JG		1986-
07301425	Sweetwater Ck nr Texas Line	QWP	CP				1953-54
07301450	N Fk Red R nr Erick	QWP	COP			1223.	1952,60-63
07301452	Starvation Ck nr Prentiss	LF				44.5	1964-73
07301455	Turkey Ck nr Erick	CS			HG	19.8	1964-85
07301455	Turkey Ck nr Erick	QWP	CP			19.8	1953
07301460	Turkey Ck nr Sayre	LF				47.5	1953-56,65-73
07301460	Turkey Ck nr Sayre	QWP	CP			47.5	1953
07301480	Short Ck nr Sayre	CS			HG	9.12	1964-86
07301481	N Fk Red R nr Sayre	STR				2159.	1978-83
07301481	N Fk Red R nr Sayre	STGU		OBS	C	2159.	1984-
07301485	Spring Ck nr Elk City	CS				0.93	1968-72
07301495	Indian Ck nr Carter	CS				24.9	1965-75
07301500	N Fk Red R nr Carter	STR		DCP	TQG	2337.	1944-62,64-
07301500	N Fk Red R nr Carter	QWH	CNP			2337.	**1949,58-63,68-79

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Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07301500	N Fk Red R nr Carter	QWMP	CNP			2337.	1973-79
07302000	N Fk Red R nr Granite	STR				2494.	1903-08,38-44
07302000	N Fk Red R nr Granite	SED				2494.	1905-07
07302500	Lake Altus at Lugert	RES		RES	TQG	2515.	1943-
07302500	Lake Altus at Lugert	QWP	CP			2515.	1949,50-52,55-57
07303000	N Fork Red R blw Lake Altus nr Lugert	STR			TQG	2515.	**1930-32,64-
07303000	N Fork Red R blw Lake Altus nr Lugert	QWP	CP			2515.	1963
07303000	N Fork Red R blw Lake Altus nr Lugert	QWMP	CNP			2515.	1973-74
07303395	Elm Fk N Fk Red R at Salton Crossing	QWH	CP			411.	1960-61,73-79
07303400	Elm Fk N Fork Red R nr Carl	PR				416.	*1959-79,80-82
07303400	Elm Fk N Fork Red R nr Carl	QWP	CP			416.	1960-63,68-82
07303400	Elm Fk N Fork Red R nr Carl	QWMP	CNP			416.	1976-77
07303400	Elm Fk N Fork Red R nr Carl	SED	S			416.	1978-79
07303400	Elm Fk N Fork Red R nr Carl	STR			J	416.	1959-79
07303402	Fish Ck nr Vinson	PR				31.5	1978-79
07303402	Fish Ck nr Vinson	QWP	CP			31.5	1978-79
07303404	Salt Ck nr Vinson	PR				5.64	1978-79
07303404	Salt Ck nr Vinson	QWP	CP			5.64	1978-79
07303406	Elm Fk N Fk Red R nr Vinson	PR				428.	1978-81
07303406	Elm Fk N Fk Red R nr Vinson	QWP	CP			428.	1978-81
07303420	Elm Fk N Fk Red R nr Reed	STR				579.	1965-67
07303420	Elm Fk N Fk Red R nr Reed	QWP	CP			579.	1978
07303450	Deer Ck nr Plainview	CSR				27.8	1964-77
07303500	Elm Fk N Fk Red R nr Mangum	STR				838.	**1905-08,65-76
07303500	Elm Fk N Fk Red R nr Mangum	QWH	CP			838.	**1951,1968-76
07303500	Elm Fk N Fk Red R nr Mangum	QWMP	CNP			838.	1975-79
07304000	N Fk Red R nr Lugert	STR				3435.	1930-31
07304107	Elk Ck nr Elk City	QWP	CP				1960
07304299	Spring Ck nr Sentinel	QWP	CP				1960
07304403	E Elk Ck nr Rocky	QWP	CP				1961
07304500	Elk Ck nr Hobart	STR			DG	549.	**1904-08,49-
07304500	Elk Ck nr Hobart	QWP	CP	OBS	DG	549.	**1949,54-63,70-87
07304500	Elk Ck nr Hobart	QWMP	CNP			549.	1975-79
07304500	Elk Ck nr Hobart	QWD	P		DG	549.	1949-51,58-63,69-87
07305000	N Fk Red R nr Headrick	STR			C	4244.	**1905-08,37-
07305000	N Fk Red R nr Headrick	QWH	BCNP	OBS		4244.	**1951,54-63,68-81
07305000	N Fk Red R nr Headrick	QWMP	CNP			4244.	1973-77
07305000	N Fk Red R nr Headrick	SED	S		A	4244.	***1973-
07305000	N Fk Red R nr Headrick	QWP	BCNP		A	4244.	1982-
07305198	W Otter Ck at Cold Spring	QWP	CP				1961

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07305302	Glenn Ck nr Cold Spring	QWP	CP				1961
07305400	Tom Steed Res nr Mountain Park	RES			C		1986-
07305500	W Otter Ck at Snyder Lake nr Mt Park	STR			DG	132.	1903-08,51-
07305500	W Otter Ck at Snyder Lake nr Mt Park	QWP	CP			132.	1960
07306000	Horse Ck nr Mountain Park	STR				11.1	1906
07306500	Otter Ck at Mt Park	STR				164.	1946-51
07306500	Otter Ck at Mt Park	QWP	CP			164.	1952
07307000	Dry Fk Otter Ck nr Mountain Park	STR				12.0	1905-06
07307010	Otter Ck nr Snyder	QWP	CP				1951,60-63
07307010	Otter Ck nr Snyder	STGU		DCP	C		1984-
07307020	Otter Ck nr Tipton	QWP	CP				1960-63
07307028	N Fk Red R nr Tipton	STR		OBS	J	4681.	1983-
07307028	N Fk Red R nr Tipton	QWP	CP			4681.	1960
07308200	Pease R nr Vernon TX	QWP	C			3488.	1960
07308310	Suttle Ck nr Davidson	LF				55.0	1965-66
07308500	Red R nr Burkburnett TX	QWMP	CNP			20570.	1973-77
07308890	E Cache Ck nr Apache	QWP	C				1951
07308990	Lake Ellsworth nr Elgin	RESU			UG	249.	1964-
07309000	E Cache Ck nr Elgin	STR				248.	1956-58
07309000	E Cache Ck nr Elgin	QWD	CP			248.	1956,58
07309000	E Cache Ck nr Elgin	QWMP	CNP			248.	1975-79
07309480	Canyon Ck nr Medicine Park	CS				3.35	1965-75
07309500	Lake Lawtonka nr Lawton	RESU		RES	UG	93.0	1955-
07309950	Medicine Ck nr Fort Sill	QWP	CP				1951
07310000	Little Medicine Bluff Ck nr Lawton	STR				7.00	1913-19
07310500	Medicine Bluff Ck nr Lawton	STR				101.	1913-19
07311000	E Cache Ck nr Walters	STR			UG	675.	1938-68,69-
07311000	E Cache Ck nr Walters	QWP	CP		UG	675.	**1947-48,58-63,70-
07311000	E Cache Ck nr Walters	QWMP	CNP			675.	1975-79
07311200	Blue Beaver Ck nr Cache	STR			A	24.6	1964-
07311200	Blue Beaver Ck nr Cache	QWP	BCNP		A	24.6	1965-
07311200	Blue Beaver Ck nr Cache	SED	S		A	24.6	1965-
07311240	W Cache Ck nr Cookietown	LF				1112.	1951-55,65-73
07311240	W Cache Ck nr Cookietown	QWP	CP			1112.	1952-55,60-63
07311410	Red Ck nr Snyder	CS				6.12	1965-74
07311420	Deadman Ck Trib at Manitou	CS				2.57	1965-72
07311500	Deep Red Run nr Randlett	STR			JG	617.	1949-
07311500	Deep Red Run nr Randlett	QWD	CP			617.	**1948,69-70
07311500	Deep Red Run nr Randlett	QWMP	CNP			617.	1975
07311505	Deep Red Run nr Taylor	QWP	CP			1121.	1959

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07311505	Deep Red Run nr Taylor	QWMP	CNP			1121.	1976-79
07312720	Red R nr Waurika	QWMP	CNP				1978-79
07312750	Beaver Ck nr Lawton	QWP	CP				1948,61
07312850	Nine Mile Beaver Ck nr Elgin	CSR			HG	6.29	1964-76
07312850	Nine Mile Beaver Ck nr Elgin	CS			HG	6.29	1964-
07312850	Nine Mile Beaver Ck nr Elgin	CS			HG	6.29	1964-85
07312950	Little Beaver Ck nr Marlow	CS				35.40	1964-75
07313000	Little Beaver Ck nr Duncan	STR				158.	1949-63
07313000	Little Beaver Ck nr Duncan	QWP	CP			158.	**1948-49,58-63
07313009	Little Beaver Ck nr Gas City	QWP	CP				1961
07313211	Walker Ck nr Corum	QWP	CP				1961
07313400	Waurika Lake nr Waurika	RESP			C	562.	1978-
07313500	Beaver Ck nr Waurika	STR			C	563.	1953-
07313500	Beaver Ck nr Waurika	QWP	CP			563.	1953-66
07313500	Beaver Ck nr Waurika	QWMP	CNP			563.	1975-79
07313500	Beaver Ck nr Waurika	SED	S		C	563.	1953-
07313533	Cow Ck nr Comanche	QWP	CP				1959,61
07313566	Dry Ck nr Comanche	QWP	CP				1961
07313600	Cow Ck at Waurika	CS			JG	193.	*1967-70,71-
07313600	Cow Ck at Waurika	QWP	CP			193.	1960-63,67-70
07313600	Cow Ck at Waurika	QWMP	CNP			193.	1978-79
07313600	Cow Ck at Waurika	STR			GJ	193.	1967-70
07313702	Beaver Ck nr Ryan	QWP	CP				1960-61
07315500	Red R nr Terral	QWMP	CNP			28723.	1973-77
07315672	W Mud Ck nr Atlee	QWP	CP				1961
07315680	Cottonwood Ck Trib nr Loco	CS			HG	1.74	1964-86
07315681	W Mud Ck nr Ringling	QWP	CP				1960
07315681	W Mud Ck nr Ringling	QWP	CP				1953
07315697	Mud Ck nr Grady	QWP	CP				1951-52,60-61
07315700	Mud Ck nr Courtney	STR			JG	572.	1960-
07315700	Mud Ck nr Courtney	QWP	CP			572.	1960,62-63
07315700	Mud Ck nr Courtney	QWMP	CNP			572.	1975-79
07315873	Walnut Bayou nr Oswalt	QWP	CP				1960
07315880	Demijohn Ck nr Wilson	CS				5.74	1964-73
07315882	Simon Ck nr Oswalt	QWP	CP				1960-61
07315891	Simon Ck at Pike	QWP	CP				1960-61
07315900	Walnut Bayou nr Burneyville	STR				314.	1961-64,69-71
07315900	Walnut Bayou nr Burneyville	QWD	CP			314.	1960-62,69-71
07315900	Walnut Bayou nr Burneyville	QWMP	CNP			314.	1975-79
07316000	Red R nr Gainesville TX	STRP		BDT	C	30782.	1936-

* Continuous streamflow records for this period.
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Table 2.--*Station number listing of current and historical gaging stations maintained by the U.S. Geological Survey*
September 30, 1987--Continued
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07316000	Red R nr Gainesville TX	QWP	COP			30782.	1953-83
07316000	Red R nr Gainesville TX	QWMP	CNP			30782.	1973-77
07316070	Hickory Ck nr Marietta	LF				116.	1964-73
07316100	Lake Murray nr Ardmore	QWP	CP				1949-53,56-57
07316130	Wilson Ck Trib nr McMillan	CS				2.97	1965-75
07316140	Brier Ck nr Powell	CSR			HG	12.0	1965-76
07316140	Brier Ck nr Powell	CS			HG	12.0	1965-
07316140	Brier Ck nr Powell	CS			HG	12.0	1965-86
07316350	Washita R nr Reydon	QWP	CP			4.98	1949,52
07316350	Washita R nr Reydon	QWMP	CNP			4.98	1977
07316410	Washita R Trib nr Crawford	CS				2.18	1965-72
07316500	Washita R nr Cheyenne	STR		OBS	JG	794.	1937-
07316500	Washita R nr Cheyenne	QWP	CNP			794.	1950-53,60-61,69-73
07316500	Washita R nr Cheyenne	QWMP	CNP			794.	1973-75
07317500	Sandstone Ck SWS 16A nr Cheyenne	STR				8.78	1952-74
07318000	Sandstone Ck SWS 16 nr Cheyenne	STR				11.5	1953-74
07318500	Sandstone Ck SWS 14 nr Cheyenne	STR				1.02	1953-74
07319000	Sandstone Ck SWS 17 nr Cheyenne	STR				10.1	1953-74
07319000	Sandstone Ck SWS 17 nr Cheyenne	QWP	CP			10.1	1969-70
07319500	Sandstone Ck nr Berlin	STR				44.9	1953-72
07319500	Sandstone Ck nr Berlin	QWP	CP			44.9	1958
07320000	Sandstone Ck SWS 10A nr Elk City	STR				2.87	1952-74
07320500	Sandstone Ck SWS 6 nr Elk City	STR				6.46	1953-74
07321000	Sandstone Ck SWS 5 nr Elk City	STR				3.89	1953-74
07321500	Sandstone Ck SWS 3 nr Elk City	STR				0.62	1953-74
07322000	Sandstone Ck SWS 9 nr Elk City	STR				3.50	1952-74
07322500	E Br Sandstone Ck nr Elk City	STR				23.0	1951-72
07322500	E Br Sandstone Ck nr Elk City	QWP	CP			23.0	1958
07323000	Sandstone Ck nr Cheyenne	STR				87.1	1951-74
07323000	Sandstone Ck nr Cheyenne	QWP	CP			87.1	1951-52,57-58
07323500	Sandstone Ck SWS 22 nr Cheyenne	STR				2.25	1953-72
07324000	Sandstone Ck SWS 1 nr Cheyenne	STR				5.33	1952-74
07324000	Sandstone Ck SWS 1 nr Cheyenne	QWP	COP			5.33	1969-70
07324150	Washita R nr Moorewood	QWP	CP				1970-72
07324190	Quartermaster Ck nr Hammon	QWP	CP				1970-71
07324200	Washita R nr Hammon	STR			VG	1387.	1969-
07324200	Washita R nr Hammon	QWP	CNP	OBS	VG	1387.	1961,70-
07324200	Washita R nr Hammon	QWMP	CNP			1387.	1978-79
07324300	Foss Reservoir nr Foss	RESP		RES	JG	1496.	1961-
07324300	Foss Reservoir nr Foss	QWP	CP		VG	1496.	1963-87

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Table 2.--*Station number listing of current and historical gaging stations maintained by the U.S. Geological Survey*
September 30, 1987--Continued
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07324300	Foss Reservoir nr Foss	QWMP	CNP			1496.	1976-77
07324400	Washita R nr Foss	STR			VG	1551.	**1956-57,61-87
07324400	Washita R nr Foss	QWP	CNP	OBS	VG	1551.	**1947-48,70-87
07324400	Washita R nr Foss	QWMP	CNP			1551.	1973-79
07324500	Barnitz Ck nr Arapaho	STR				243.	1943-64
07324500	Barnitz Ck nr Arapaho	QWP	CP			243.	1952,55
07325000	Washita R nr Clinton	STR			C	1977.	1935-
07325000	Washita R nr Clinton	QWP	CP			1977.	1953,58,60-63
07325300	Rainy Mtn Ck at Mountain View	LF				309.	1951-55,58-59
07325300	Rainy Mtn Ck at Mountain View	QWP	CP			309.	1952-55,58
07325400	Stinking Ck nr Carnegie	LF				104.	1951-55,58-61
07325400	Stinking Ck nr Carnegie	QWP	CP			104.	1952-55,58
07325500	Washita R at Carnegie	STR		OBS	JG	3129.	1937-
07325500	Washita R at Carnegie	QWP	CNP	OBS	VG	3129.	1948-87
07325500	Washita R at Carnegie	QWMP	CNP	OBS		3129.	1973-75
07325753	Spring Ck nr Eakly	QWP	CP				1961
07325800	Cobb Ck nr Eakly	STR			NG	132.	1968-
07325850	Lake Ck nr Eakly	STR				52.0	1969-78
07325860	Willow Ck nr Albert	STR				28.0	1970-78
07325900	Ft Cobb Reservoir nr Ft Cobb	RESP		RES	NG	304.	1959-
07325900	Ft Cobb Reservoir nr Ft Cobb	QWP	CP			304.	1960-62
07326000	Cobb Ck nr Ft Cobb	QWP	CP			313.	**1947-58,60,63
07326000	Cobb Ck nr Ft Cobb	STR			NG	313.	1939-
07326500	Washita R at Anadarko	STRP			JG	3656.	**1902-08,63-
07326500	Washita R at Anadarko	QWD	CP			3656.	1952,65-71
07326500	Washita R at Anadarko	QWMP	CNP			3656.	1975-79
07326720	Tonkawa Ck nr Anadarko	QWD	CP			26.0	1968-71
07327000	Sugar Ck nr Gracemont	STRP				208.	1956-74
07327000	Sugar Ck nr Gracemont	QWP	CP			208.	1956-60
07327031	Spring Ck nr Gracemont	QWP	CP				1961
07327300	Washita R nr Chickasha	QWP	CP				1952-53,55,58-61
07327320	W Salt Ck nr Chickasha	QWD	COP			22.0	1968-71
07327420	W Bitter Ck nr Tabler	QWD	CP			60.8	**1953,61,65-71
07327432	Spring Ck nr Blanchard	QWP	C			1.19	1968-71
07327435	Spring Ck nr Tabler	QWP	C			2.28	1968-71
07327437	Spring Ck Trib nr Middleberg	QWP	C			0.76	1969-71
07327440	E Bitter Ck nr Tabler	QWD	CP			35.6	1960-61,68-71
07327449	McCardo Ck nr Cement	QWP	CP				1958-60
07327490	Little Washita R nr Ninnekah	STRP			JG	208.	1963-86
07327490	Little Washita R nr Ninnekah	QWD	CNP			208.	1948-56,68-71

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Table 2.--*Station number listing of current and historical gaging stations maintained by the U.S. Geological Survey September 90, 1987*--Continued
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07327500	Little Washita R at Ninnekah	STR				227.	1952-63
07327500	Little Washita R at Ninnekah	QWP	CP			227.	1958-59,61-63
07328000	Washita R nr Tabler	STR				4706.	1940-52
07328000	Washita R nr Tabler	QWD	CP			4706.	1947-52
07328030	Big Dry Ck nr Alex	CS				7.57	1961-74
07328040	Little Dry Ck nr Alex	CS				0.88	1961-74
07328070	Winter Ck nr Alex	STRP			JG	33.0	1964-1987
07328100	Washita R at Alex	STRP		OBS	JG	4787.	1964-86
07328100	Washita R at Alex	QWD	CP			4787.	1965-71
07328173	Criner Ck nr Criner	QWP	CP				1961
07328200	Criner Ck nr Payne	QWP	CP				1958-60
07328250	Finn Ck nr Payne	QWP	CP				1961
07328300	Finn Ck nr Story	QWP	CP			67.2	1951-60
07328500	Washita R nr Pauls Valley	STR		OBS	JG	5330.	1937-
07328500	Washita R nr Pauls Valley	QWP	COP			5330.	1952-63
07328500	Washita R nr Pauls Valley	QWPM	CNP			5330.	1975-79
07328500	Washita R nr Pauls Valley	SED	S			5330.	1976-78
07328700	Rush Ck nr Rush Springs	LF					1952
07329000	Rush Ck at Purdy	STR		OBS	JG	145.	1940-53,82-
07329000	Rush Ck at Purdy	QWP	CP			145.	1947-54,58
07329500	Rush Ck nr Maysville	STR				206.	1953-76
07329500	Rush Ck nr Maysville	QWD	CP			206.	1954-71
07329500	Rush Ck nr Maysville	SED	S			206.	1976
07329500	Rush Ck nr Maysville	CS			JG	206.	1983-
07329550	Rush Ck nr Pauls Valley	QWP	CP				1952-53,58-59
07329660	Wildhorse Ck nr Hennepin	QWP	CP				1949-50
07329700	Wildhorse Ck nr Hoover	STR			JG	604.	1969-
07329700	Wildhorse Ck nr Hoover	QWD	CP			604.	1951-59,*70-71
07329772	Chigley Sandy Ck nr Davis	QWP	CP				1955,61
07329843	Rock Ck N of Sulphur	QWP	CP				1960,69
07329847	Buffalo Spring at Sulphur	STR			b		1986-
07329849	Antelope Springs at Sulphur	STR			b		1986-
07329851	Vendome Well Outflow at Sulphur	STR			b		1986-
07329853	Rock Ck S of Platt N Pk nr Surphur	QWP	CP				1960
07329860	Honey Ck nr Turner Falls	QWP	CP				1949-51,54
07329870	Honey Ck nr Davis	CS			HG	18.7	1964-85
07329870	Honey Ck nr Davis	QWP	CP			18.7	1953,55-56
07329880	Lawrence Spring nr Drake	QWP	CP				1953
07329880	Lawrence Spring nr Drake	QWP	CP				1952,55-56
07329890	Arbuckle L nr Dougherty	RES		DCP	C		1986-

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Table 2.--*Station number listing of current and historical gaging stations maintained by the U.S. Geological Survey September 30, 1987*--Continued
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07329900	Rock Ck at Dougherty	STR				138.	1956-67
07329900	Rock Ck at Dougherty	QWD	CP			138.	1951-60
07330000	Washita R nr Berwyn	STR				6815.	1924-26
07330500	Caddo Ck nr Ardmore	STR				298.	1936-50
07330500	Caddo Ck nr Ardmore	QWP	CP			298.	1950-51,58
07331000	Washita R nr Dickson	STR		OBS	A	7202.	1928-
07331000	Washita R nr Dickson	QWD	BCNP			7202.	1944-81
07331000	Washita R nr Dickson	QWMP	CNP			7202.	1973-77
07331000	Washita R nr Dickson	SED	S		CA	7202.	***1973-
07331000	Washita R nr Dickson	QWP	BCNP		A	7202.	1982-
07331200	Mill Ck nr Mill Creek	LF				46.4	1952-55,58-71
07331200	Mill Ck nr Mill Creek	QWP	CP			46.4	1952-55,60
07331250	Mill Ck nr Ravia	STR				89.2	1969-71
07331250	Mill Ck nr Ravia	QWP				89.2	1969
07331300	Pennington Ck nr Reagan	LF				65.7	1951-55,58-73
07331300	Pennington Ck nr Reagan	QWP	CP			65.7	1951-55,58-59
07331401	Butcher Pen Ck nr Tishomingo	QWP	CP				1961
07331410	Buzzard Ck nr Reagan	CS				4.30	1965-75
07331500	Lake Texoma nr Denison TX	RESP		RES	C	39719.	1942-
07331500	Lake Texoma nr Denison TX	QWP	CP			39719.	1949-51
07331600	Red R at Denison Dam nr Denison TX	STRP			C	39720.	1961-
07331600	Red R at Denison Dam nr Denison TX	QWMP	CP			39720.	1973-77
07332000	Red R nr Colbert	STR				39777.	1924-61
07332000	Red R nr Colbert	QWP	CP			39777.	1960-61
07332070	Rock Ck nr Achille	CS				0.72	1965-74
07332250	Island Bayou nr Albany	LF				132.	1965-73
07332350	Blue R at Connerville	QWP	CP				1951-57,62
07332390	Blue R nr Connerville	STR				162.	1977-79
07332400	Blue R at Milburn	STR			JG	203.	1965-87
07332400	Blue R at Milburn	QWP	CP			203.	1956-60
07332450	Blue R at Armstrong	QWMP	CNP			224.	1977
07332470	Chuckwa Ck nr Durant	QWP	CP				1953
07332500	Blue R nr Blue	STRP			C	476.	1936-
07332500	Blue R nr Blue	QWD	CP			476.	1951-58,60-63
07332500	Blue R nr Blue	QWMP	CNP			476.	1973-79
07332700	Muddy Boggy Ck nr Parker	LF				174.	1958-73
07332750	Muddy Boggy Ck nr Coalgate	QWP	CP				1962
07332800	Caney Boggy Ck nr Ashland	QWD	CNP			49.0	1972-75
07332900	Coal Ck nr Lehigh	STR				8.10	1978-81
07332900	Coal Ck nr Lehigh	QWH	CNOP			8.10	1977-81

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Table 2.--*Station number listing of current and historical gaging stations maintained by the U.S. Geological Survey*
September 30, 1987--Continued
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07332900	Coal Ck nr Lehigh	SED	S			8.10	1978-81
07332950	Muddy Boggy Ck at Atoka	STR				445.	1978-81
07332950	Muddy Boggy Ck at Atoka	SED	S			445.	1978-81
07332950	Muddy Boggy Ck at Atoka	QWP	CNP			445.	1978-81
07333000	N Boggy Ck nr Stringtown	STR				136.	1956-59
07333000	N Boggy Ck nr Stringtown	QWP	CP			136.	1956-59
07333330	Chickasaw Ck Trib nr Stringtown	CS				3.19	1965-72
07333500	Chickasaw Ck nr Stringtown	CS				32.7	*1955-68,69-75
07333500	Chickasaw Ck nr Stringtown	QWP	CP			32.7	1955-58,60
07333500	Chickasaw Ck nr Stringtown	STR	CNP		GJ	32.7	1955-68
07333800	McGee Ck nr Stringtown	CS				86.6	*1955-68,69-75
07333800	McGee Ck nr Stringtown	QWP	CP			86.6	1956-58
07333910	McGee Ck nr Farris	STR				176.	1976-82
07333910	McGee Ck nr Farris	QWH	CP			176.	1976-82
07333910	McGee Ck nr Farris	QWP	CNP			176.	1976-82
07333910	McGee Ck nr Farris	SED	S			176.	1978-81
07334000	Muddy Boggy Ck nr Farris	STRP			C	1087.	1937-
07334000	Muddy Boggy Ck nr Farris	QWP	CP			1087.	1948,50-58,62-64
07334000	Muddy Boggy Ck nr Farris	QWMP	CNP			1087.	1973-79
07334200	Byrds Mill Spring nr Fittstown	STR			RG		1959-
07334200	Byrds Mill Spring nr Fittstown	QWP					1953,55-56
07334400	Clear Boggy Ck nr Tupelo	LF				248.	1958-73
07334400	Clear Boggy Ck nr Tupelo	QWP	COP			248.	1958,60,62
07334420	Leader Ck at Tupelo	LF				64.3	1958-73
07334420	Leader Ck at Tupelo	QWP	CP			64.3	1958,60
07334440	Delaware Ck nr Wapanucka	STR				45.8	1958-73
07334440	Delaware Ck nr Wapanucka	QWP	CP			45.8	1958,60
07334500	Clear Boggy Ck nr Wapanucka	STR				516.	1940-43
07334800	Clear Boggy Ck abv Caney Ck nr Caney	QWMP					1975-78
07335000	Clear Boggy Ck nr Caney	STRP			C	720.	1942-
07335000	Clear Boggy Ck nr Caney	QWP	CP			720.	1952-75
07335000	Clear Boggy Ck nr Caney	QWMP	CNP			720.	1975-79
07335300	Muddy Boggy Ck nr Unger	STR		OBS	JG		1982-
07335300	Muddy Boggy Ck nr Unger	QWP	CP				1962
07335310	Rock Ck nr Boswell	CS			HG	0.94	1965-85
07335320	Bokchito Ck nr Soper	CS				16.6	1965-75
07335500	Red R at Arthur City TX	STRP		DAR	C	44531.	**1936-
07335500	Red R at Arthur City TX	QWP	CP			44531.	1960-63
07335500	Red R at Arthur City TX	QWMP	CNP			44531.	1975-79
07335700	Kiamichi R nr Big Cedar	STR			A	40.1	1965-

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Table 2.--*Station number listing of current and historical gaging stations maintained by the U.S. Geological Survey*
September 30, 1987--Continued
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07335700	Kiamichi R nr Big Cedar	QWP	BCNPR		A	40.1	1986-
07335700	Kiamichi R nr Big Cedar	QWMP	CNP			40.1	1973-79
07335700	Kiamichi R nr Big Cedar	SED	S		CA	40.1	1974-
07335700	Kiamichi R nr Big Cedar	QWP	BCNPRS		A	40.1	1982-
07335760	Kiamichi R Trib nr Albion	CS				1.50	1965-72
07335775	Sardis Lake at Clayton	RESP			C	275.	1983-
07335785	Jacks Fk Ck at Sardis Lake	STRP			C	275.	1984-
07335790	Kiamichi R nr Clayton	QWMP	CNP			708.	1977
07335790	Kiamichi R nr Clayton	STRP			C	708.	1980-
07335900	Buck Ck nr Moyers	QWP	CP			100.	1956-57,60
07336000	Tenmile Ck nr Miller	QWP	C			68.0	1955-58
07336000	Tenmile Ck nr Miller	CS			HG	68.0	1957-70,71-86
07336200	Kiamichi R nr Antlers	STRP		DAR	C	1138.	1972-
07336200	Kiamichi R nr Antlers	QWMP	CNP			1138.	1975-79
07336500	Kiamichi R nr Belzoni	STRP				1423.	1926-72
07336500	Kiamichi R nr Belzoni	QWD	CP			1423.	1948-54,62-63
07336520	Frazier Ck nr Oleta	CS			HG	19.4	1984-86
07336600	Hugo Lake nr Hugo	RESP			C	1709.	1974-
07336700	Kiamichi R nr Sawyer	QWP	CP				1962
07336700	Kiamichi R nr Sawyer	QWMP	CNP				1978-79
07336710	Rock Ck nr Sawyer	CS				3.39	1984-74
07336730	Red R nr Valliant	QWP	CNP			46730.	1971-76
07336760	Red R nr Millerton	QWP	CNP			46930.	1971-76
07336780	Perry Ck nr Idabel	CS				7.53	1965-73
07336785	Bokchito Ck nr Garvin	CSR				2.96	1965-75
07336820	Red R nr De Kalb TX	QWMP	CNP			47348.	1973-77
07336850	Red R nr New Boston TX	QWP	C				1961-63
07337000	Red R at Index AR	QWD	C			48030.	1960-63
07337100	Little R nr Cloudy	QWMP	CNP			324.	1975-79
07337150	Little R nr Alikchi	QWP	CP				1953
07337200	Little R nr Ringold	QWP	CP				1962
07337220	Big Br nr Ringold	CS				1.99	1984-74
07337250	Little R ab Pine Ck Lake nr Wright Cty	QWMP	CNP				1976-77
07337300	Pine Ck Lake nr Wright City	RESP		RES	C	635.	1969-
07337500	Little R nr Wright City	STRP			C	645.	1929-31,44-
07337500	Little R nr Wright City	QWP	CP			645.	1953
07337500	Little R nr Wright City	QWMP	CNP			645.	1975-76
07337650	Little R nr Millerton	QWP	CPS				1953
07337900	Glover Ck nr Glover	STRP		DAR	C	315.	1961-
07337900	Glover Ck nr Glover	QWP	CP			315.	1949,53,62-63

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Table 2.--*Station number listing of current and historical gaging stations maintained by the U.S. Geological Survey*
September 30, 1987--Continued
[Symbols defined on last page of report]

Station Number	Station Name	Type of Data	Q.W. Parameters	Stage Source	Cooperator	Drainage Area ($mile^2$)	Period of Record
07337900	Glover Ck nr Glover	QWMP	CNP			315.	1975-79
07337920	Fifteen Ck nr Glover	CS				1.23	1967-73
07337950	Little R nr Garvin	QWP	CP				1953
07338000	Little R nr Idabel	STRP				1173.	1930-46
07338500	Little R blw Lukfata Ck nr Idabel	STRP		DAR	C	1226.	1946-
07338500	Little R blw Lukfata Ck nr Idabel	QWP	COP			1226.	1948-54,61-63,69-73
07338500	Little R blw Lukfata Ck nr Idabel	QWMP	CNP			1226.	**1947-54,76-79
07338520	Yanubbee Ck nr Broken Bow	CSR			HG	9.10	1964-76
07338520	Yanubbee Ck nr Broken Bow	CS			HG	9.10	1964-86
07338780	Mountain Fk Trib nr Smithville	CS			HG	0.85	1965-86
07338840	Mountain Fk nr Smithville	QWMP	CNP				1976-79
07338900	Broken Bow Lake nr Broken Bow	RESP		RES	C	754.	1968-
07339000	Mountain Fk nr Eagletown	STRP		DAR	C	787.	1924-25,29-
07339010	Mountain Fk blw Eagletown	QWP	CP				1961-63
07339100	Little R nr Cerrogordo	QWP	CP				1961-63
07340000	Little R nr Horatio AR	QWMP	CNP			2674.	1978-79

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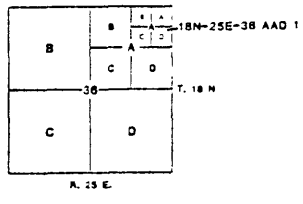
Table 3.--Continuous and partial record ground-water level sites currently measured in Oklahoma.

COUNTY	LOCAL IDENTIFIER[1]	LATITUDE/ LONGITUDE	AQUIFER[2]	DIA. (in.)	DEPTH (ft.)	COOP[2]	FREQ[3]	PERIOD OF RECORD	CITY
ALFALFA	28N-11W-27 DAD 1	365342098175301	ALVM	6	36	AJ	C	1967-	BURLINGTON
ATOKA	03S-10E-34 CBB 1	341501096145401	ALRS	5	155	AJ	Q	1983-	CANEY
BEAVER	02N-24E-07 CCD 1	363853100311001	OGLL	6	94	AJ	Q	1946,67-	ELMWOOD
BLAINE	15N-10W-32 BAC 1	354412098172701	ALVM	5	52	AJ	C	1980-	GREENFIELD
CADDO	09N-13W-28 DDD 1	351308098341601	RSPG	6	335	AJ	C	1948-	ALFALFA
CADDO	11N-13W-21 DDD 1	352423098341701	RSPG	5	210	AJ	C	1965-	EAKLEY
CANADIAN	12N-05W-18 ADA 1	353107097453701	ALVM	12	47	AJ	C	1980-	YUKON
CIMARRON	03N-07E-09 BBB 1	364450102190001	OGLL	6	61	AJ	Q	1938-	KEYES
CLEVELAND	08N-02W-27 ACD 1	350816097233101	GRBR	12	461	AJ	Q	1943-	NOBLE
COAL	01S-10E-27 BAB 1	342619096144201	MCAL	8	32	AJ	C	1978-	LEHIGH
COMANCHE	01N-13W-04 BAA 1	343540098342001	ABCKU	6	997	A	M	1972-	CACHE
CRAIG	27N-19E-25 CBB 1	364705095135302		6	102	AJ	C	1980-	PYRAMID CORNERS
CREEK	17N-08E-30 CBB 1	355510096293501	VMOS	6	58	AJ	C	1969-	DRUMWRIGHT
CUSTER	14N-14W-17 CBD 1	354112098430601	RSPG	16	320	AJ	C	1971-	THOMAS
DELAWARE	20N-24E-04 DCC 1	361415094452501	BOON	6	30	AJ	C	1983-	KANSAS
ELLIS	21N-24W-33 BBD 1	361536099464601	OGLL	5	205	AJ	C	1977-	GAGE
ELLIS	24N-26W-21 CAA 1	363235099592801	OGLL	5	120	AJ	C	1972-	CATESBY
GRADY	04N-08W-33 BBB 1	344656098031401	RSPG	6	254	A	C	1948-	RUSH SPRINGS
HARMON	03N-26W-33 ABA 1	344143099560601	DGCK	16	237	AJ	C	1983-	HOLLIS
HASKELL	10N-20E-13 DDD 1	352006095080101	MCAL	5	148	AJ	C	1981-	STIGLER
JOHNSTON	04S-04E-16 BBC 1	341243096534501	ALRS	6	54	AJ	C	1983-	MANNSVILLE
LATIMER	06N-22E-18 DCC 1	345908095013001	MCAL	5	138	AJ	C	1981-	RED OAK
LE FLORE	08N-25E-04 CDC 1	351122094403901	ATCK	5	136	AJ	C	1981-	PANAMA
LE FLORE	08N-26E-14 ACC 1	351002094314401	ATCK	5	277	AJ	C	1981-	WILLIAMS
LINCOLN	15N-06E-29 AAA 1	354442096400801	VMOS	6	339	AJ	C	1977-	STROUD
LOGAN	15N-02W-22 CCB 1	354525097242201	GRBR	6	146	AJ	C	1983-	WATERLOO
MAJOR	20N-09W-04 AAA 1	361442098092801	ALVM	6	60	AJ	C	1965-	AMES
MCCURTAIN	08S-24E-01 BBD 1	335337094451101	ALRS	12	62	AJ	C	1983-	IDABEL
MUSKOGEE	11N-19E-35 BBB 1	351833095155401	MCAL	6	40	AJ	C	1981-	PORUM
OKLAHOMA	11N-03W-01 CDD 1	352705097281201	GRBR	8	354	AJ	C	1976-	OKLAHOMA CITY
OKLAHOMA	11N-02W-02 BBD 1	352725097224701	GRBR	11	274	AJ	M	1976-	MIDWEST CITY
OKLAHOMA	11N-02W-02 ABA 1	352750097223001	GRBR	11	751	AJ	M	1976-	MIDWEST CITY
OKLAHOMA	11N-03W-23 BCD 1	352449097293201	GRBR	8	26	AJ	C	1976-	OKLAHOMA CITY
OKLAHOMA	12N-02W-26 CBB 1	352910097232001	GRBR	11	748	AJ	M	1976-	MIDWEST CITY
OSAGE	23N-09E-10 AAD 1	362935096291501	VMOS	13	55	AJ	C	1971-	WYNONA
OTTAWA	28N-23E-30 DCC 1	365229094520201	RBDX	5	1410	AJ	C	1907-	MIAMI
PITTSBURG	07N-16E-25 CDC 1	350241095341101	BGGY	5	140	AJ	C	1980-	BLOCKER
PONTOTOC	01N-06E-04 CAD 1	343457096404501	ABCKU	18	707	AJ	C	1959-	FITTSTOWN
ROGER MILLS	15N-24W-19 DDA 1	354527099470501	OGLL	12	122	AJ	C	1970-	ROLL
SEQUOYAH	11N-27E-21 CDD 1	352419094270401	ALVM	8	48	AJ	C	1960-	MOFFETT
TEXAS	01N-12E-35 BDD 1	363033101440701	OGLL	7	386	AJ	C	1956-	TEXHOMA
WASHITA	10N-19W-10 BBB 1	352142099122501	ELKC	8	107	A	C	1979-	BURNS FLAT
WOODS	28N-14W-35 BCC 1	365143098404201	CDHL	13	54	AJ	C	1972-	ALVA
WOODWARD	20N-19W-13 ABB 1	361256099102101	RSPG	6	40	AJ	C	1972-	MUTUAL
WOODWARD	21N-22W-23 BBB 1	361714099315101	RSPG	6	322	AJ	C	1957-63,65-	SHARON

[1]--LOCAL IDENTIFIER gives township, range, section number, and quarter-quarter section. (see sketch)



[2]--Codes for AQUIFER and COOP are given on last page of report.

[3]--FREQ is frequency that water level is measured (C)-continuous, (Q)-quarterly, and (M)-monthly.

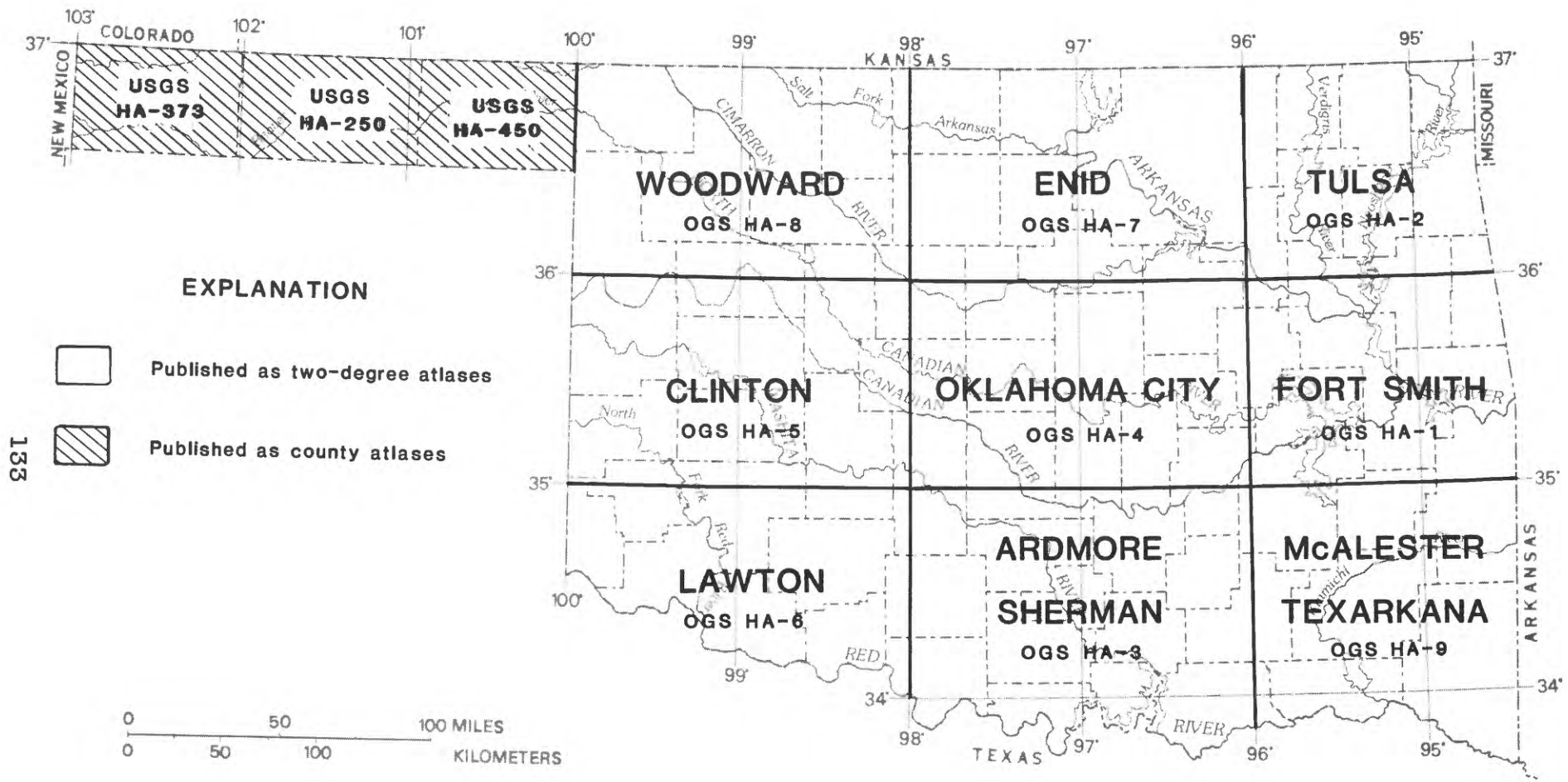


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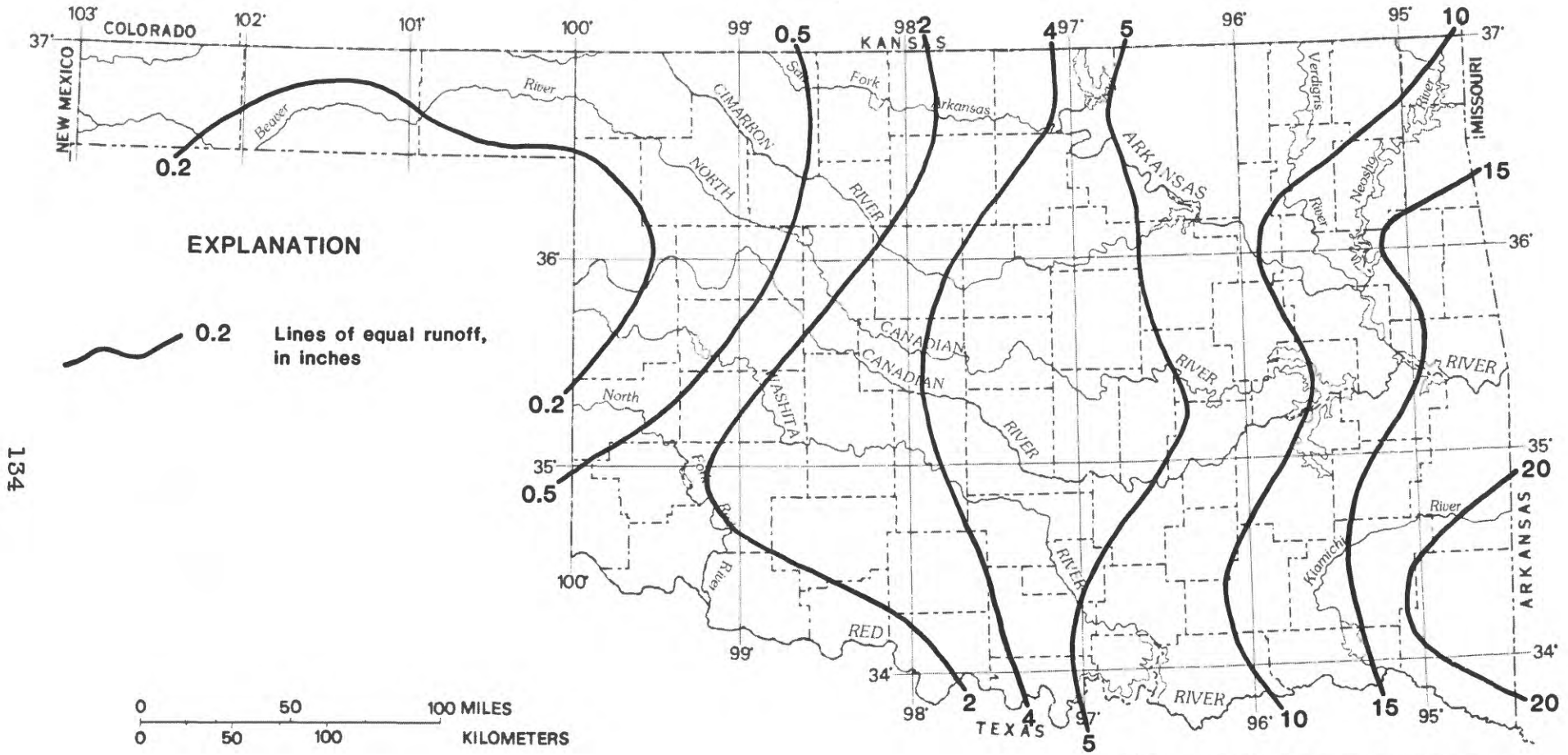
Figure 1.--Areas for which reconnaissance hydrologic studies have been made.



From Pettyjohn, W. A., and others, 1983, Water Atlas of Oklahoma: University Center for Water Research, Oklahoma State University, Stillwater, Oklahoma, 72 p.

Figure 2.--Average annual runoff in Oklahoma for 1970-79.

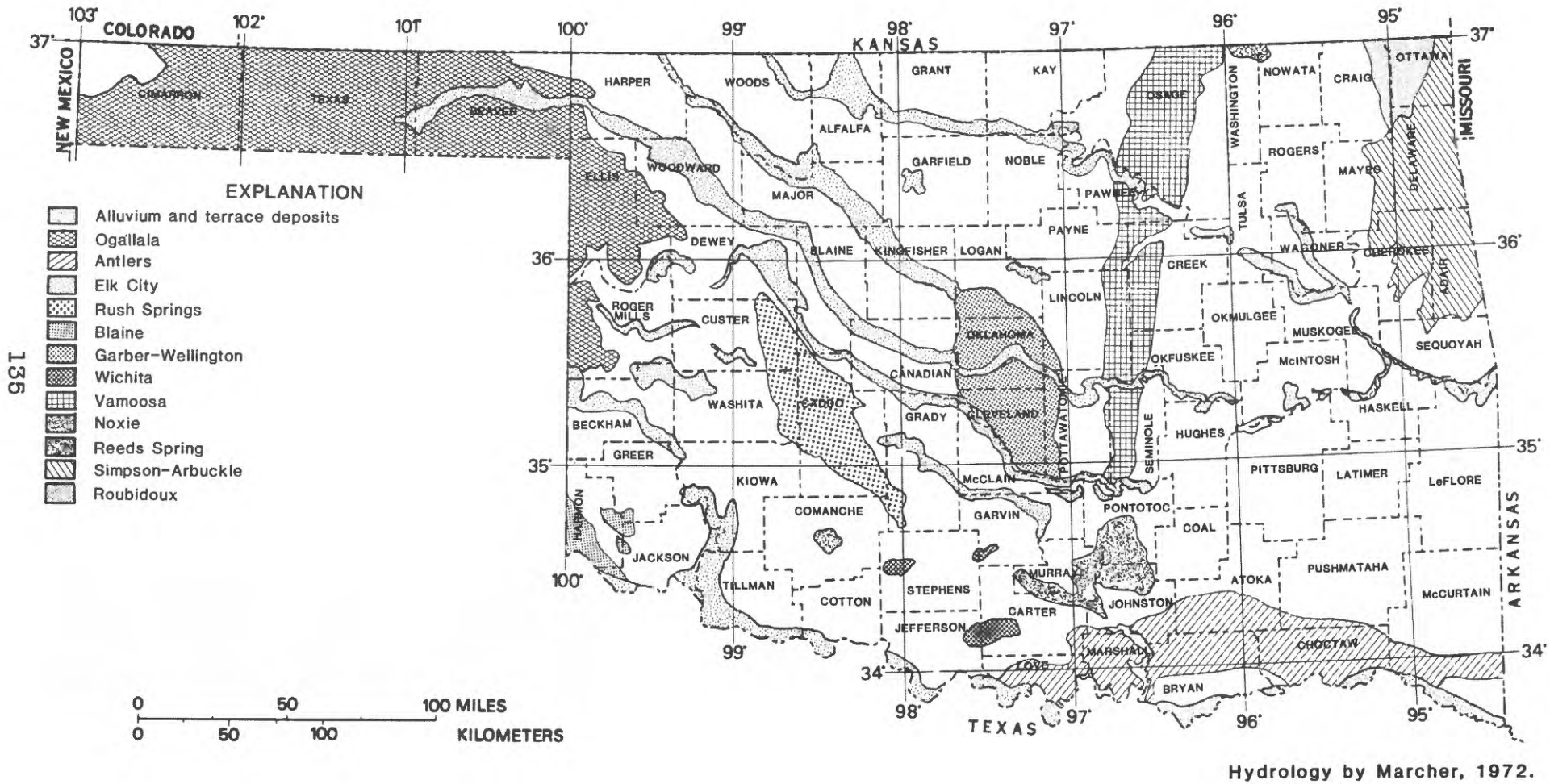
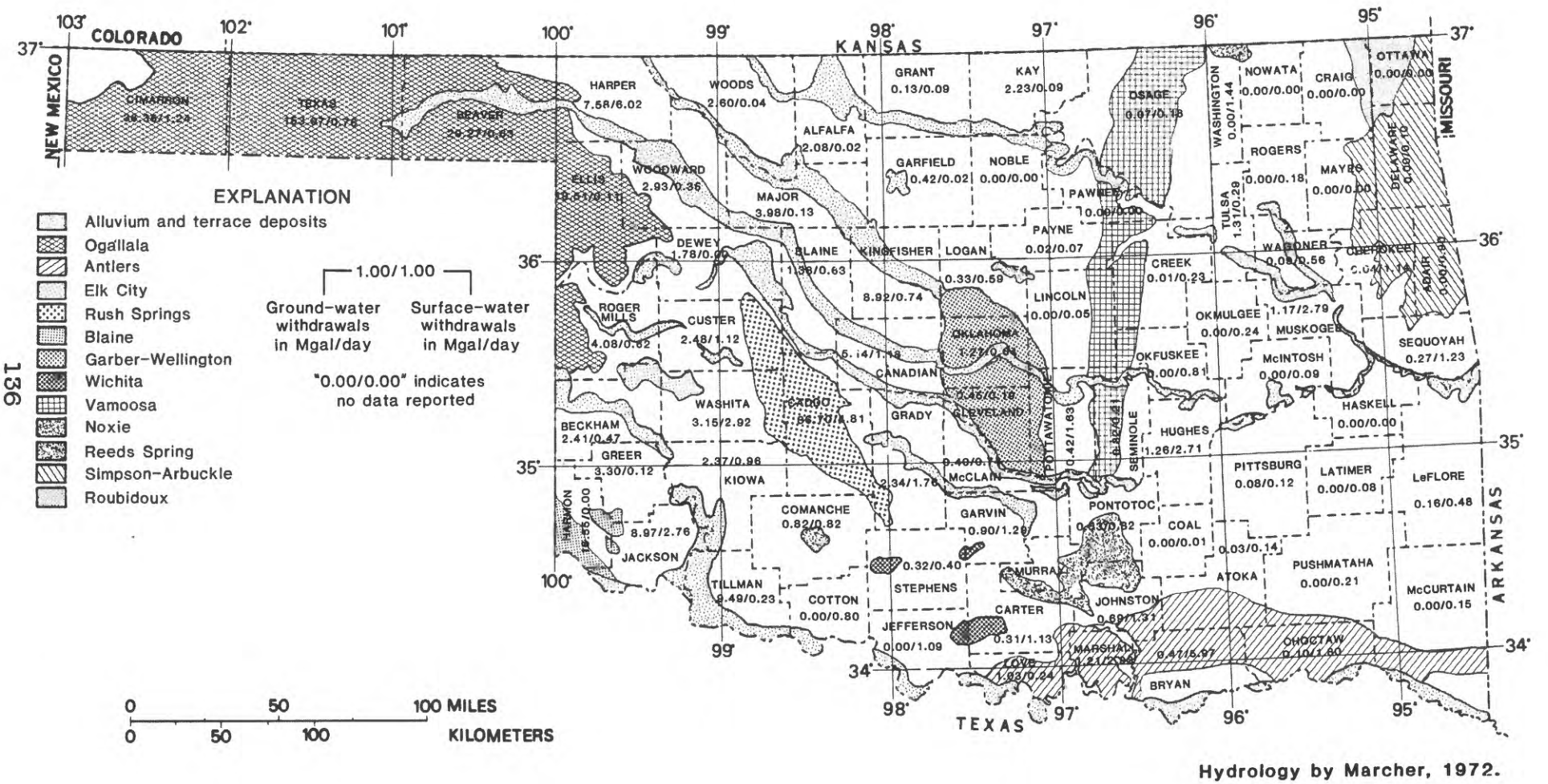


Figure 3.--Location of principal aquifers in Oklahoma.



Hydrology by Marcher, 1972.

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Figure 4.--Total 1985 ground-water and surface-water withdrawals by county. Data from U.S. Geological Survey National Water-Data Storage and Retrieval System (WATSTORE).

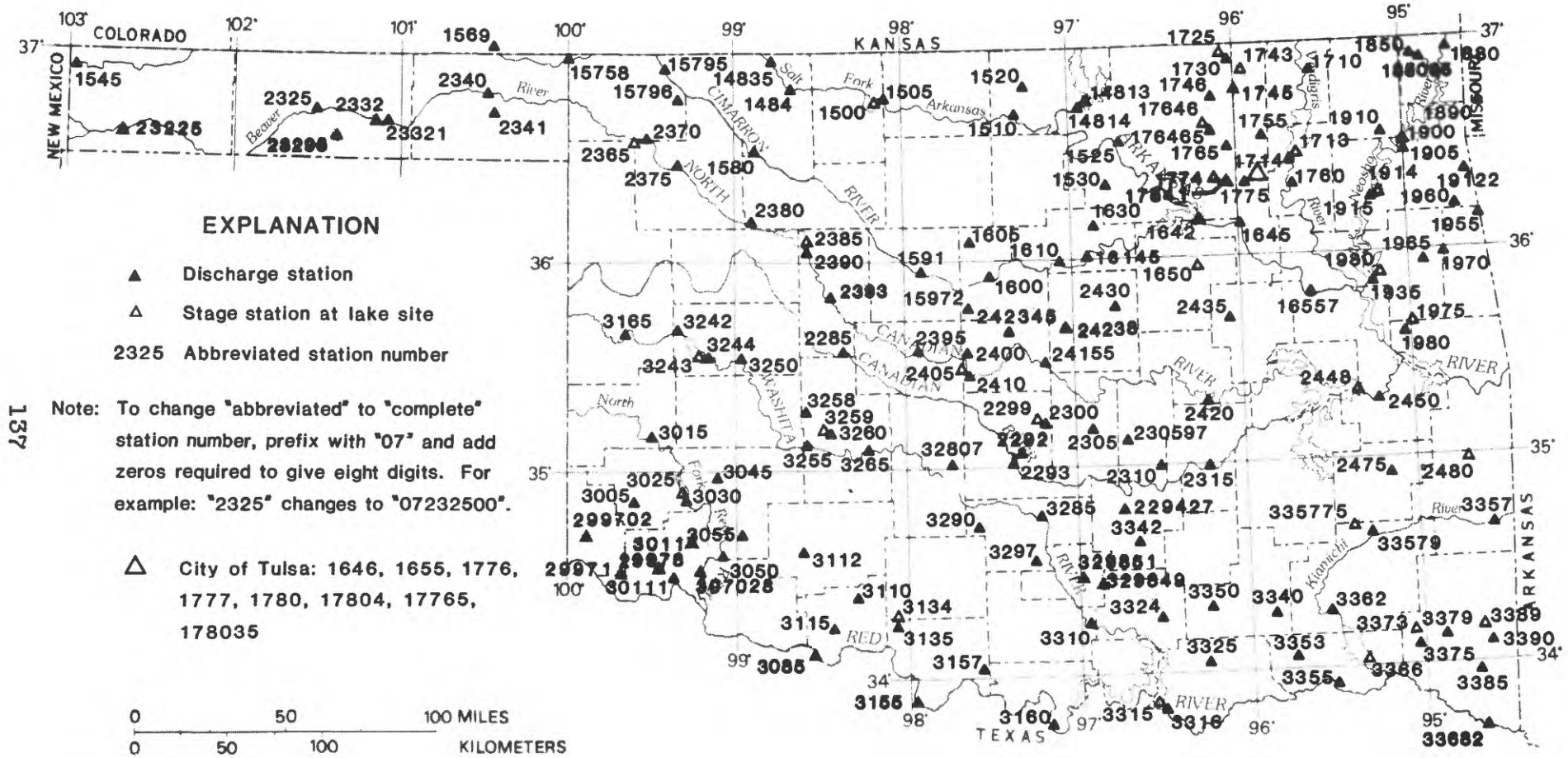

Figure 5.--Locations of continuous-record stream-gaging stations, water year 1987.

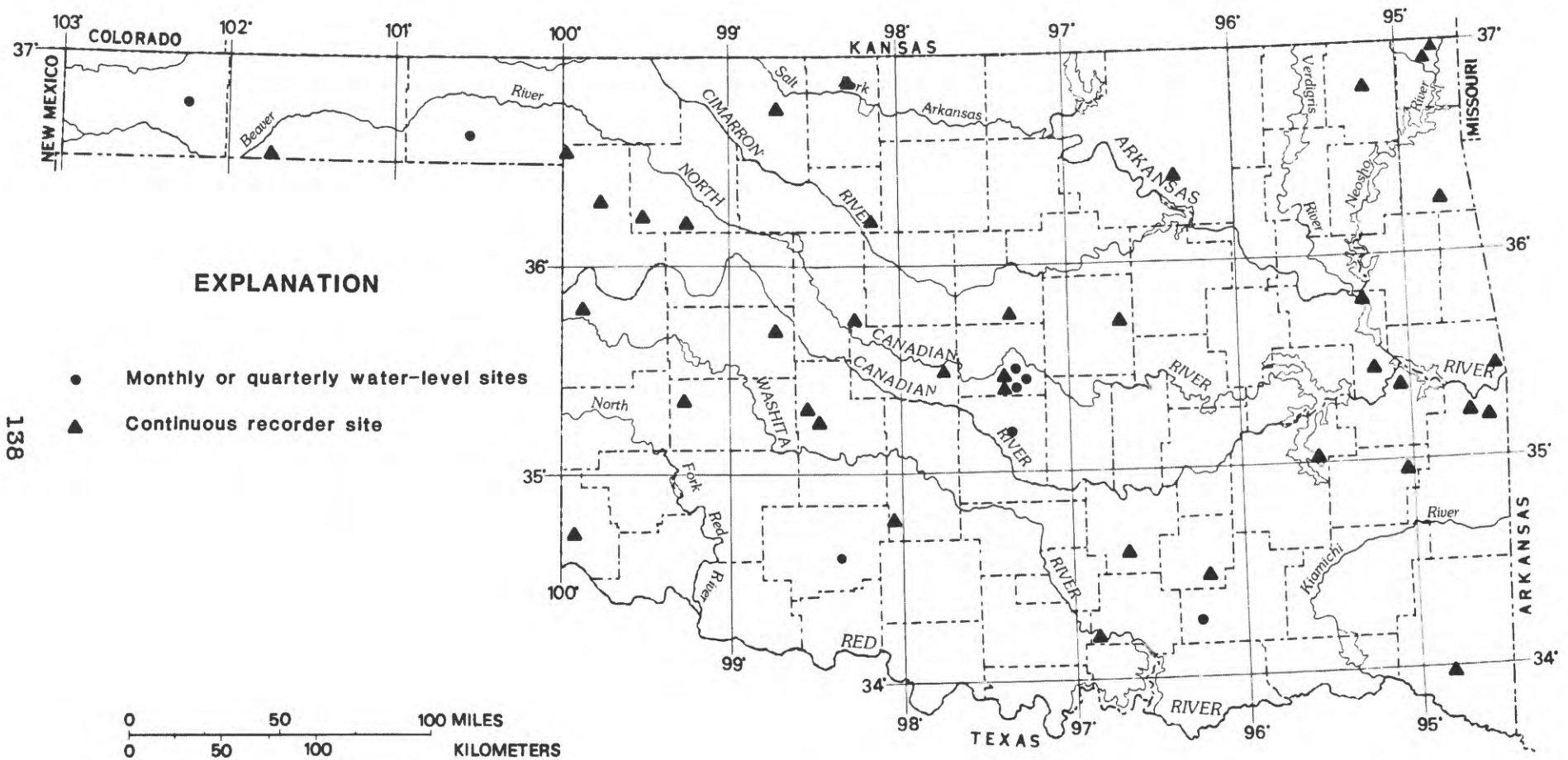

Figure 6.--Locations of water wells measured continuously, monthly, or quarterly.

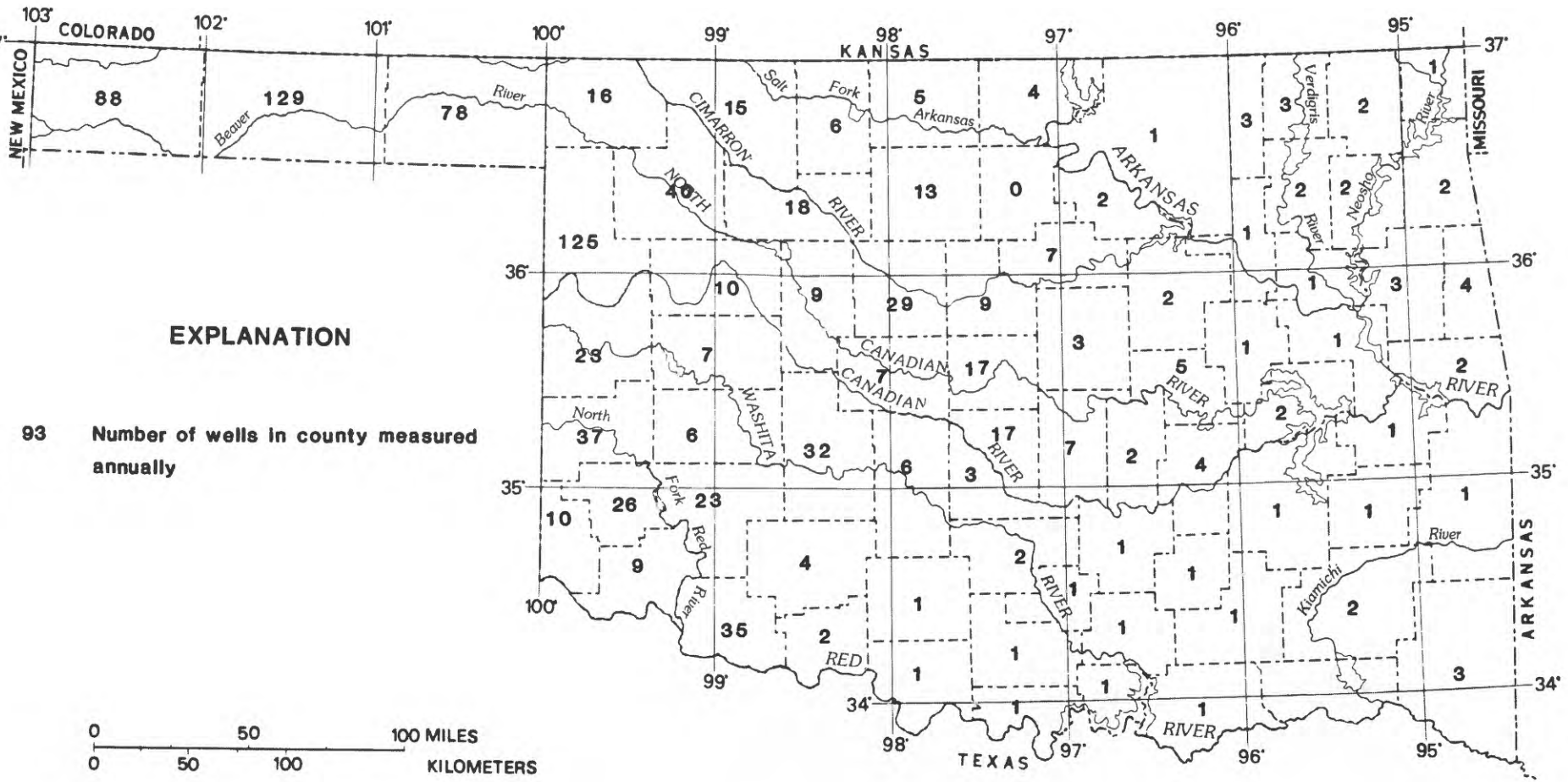

Figure 7.--Number of water wells measured in each county during winter period.

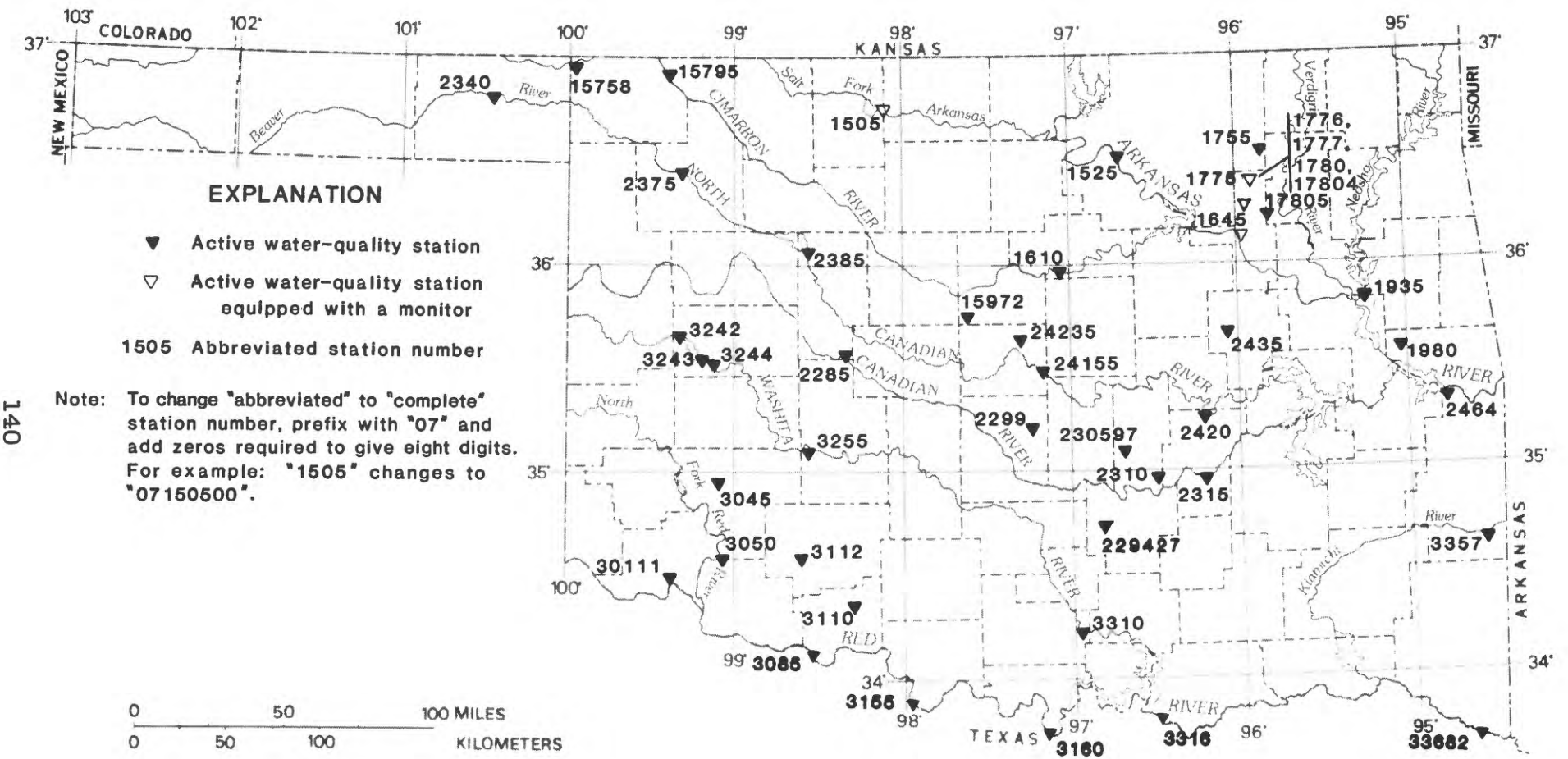

Figure 8.--Locations of water-quality sampling sites, water year 1987.

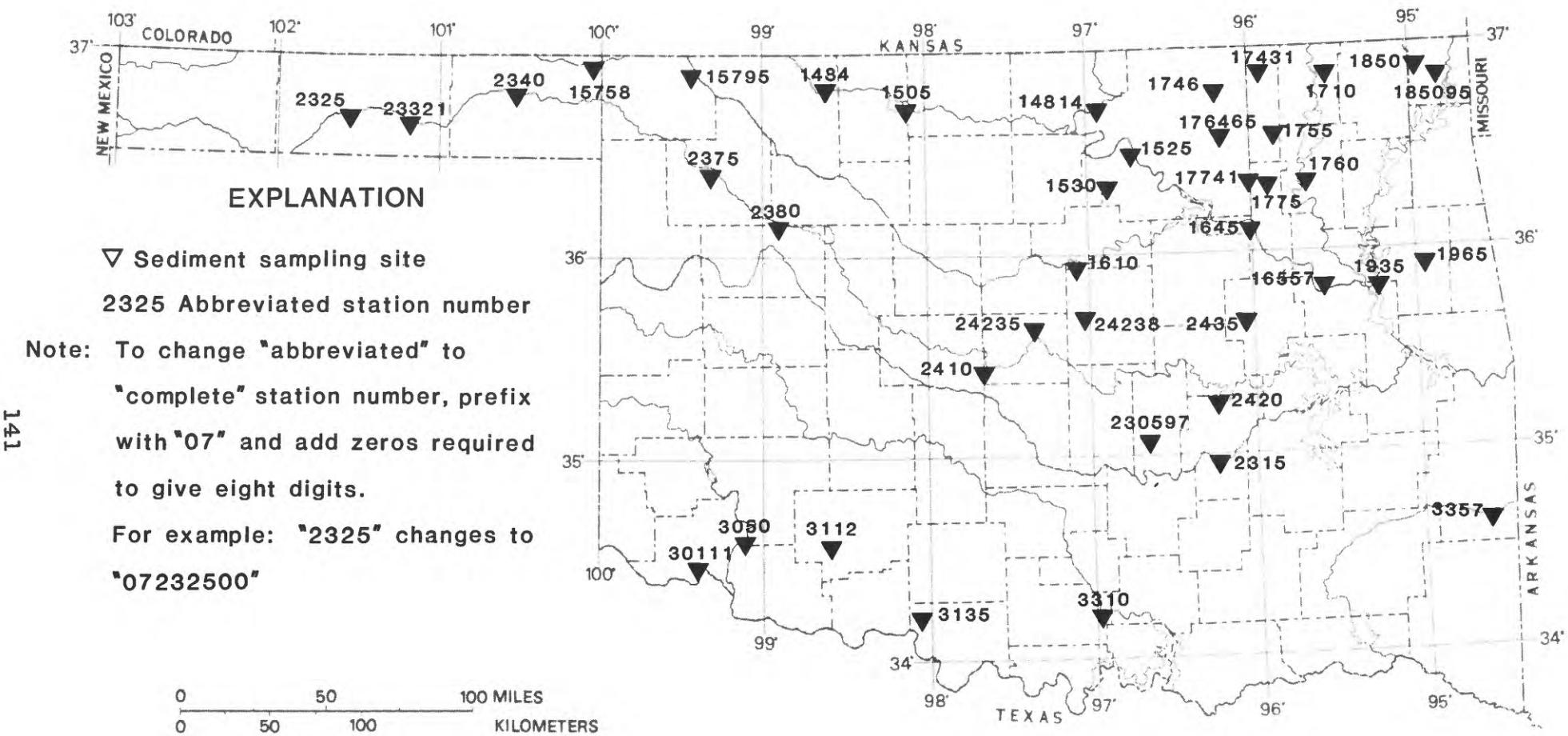

Figure 9.--Locations of sediment sampling sites.