This Guide briefly describes the Water Resources Division's mission, program, and organizational structure, and where and how to obtain specific types of hydrologic information. The Guide also contains a listing of addresses, telephone numbers, and office hours for Headquarters, Regional, District, and State offices. For some offices, two addresses are given: the mailing address of the office to which correspondence should be sent and the street address of the office. The map shows the location of the offices.

MISSION AND PROGRAM

The mission of the Water Resources Division, which supports the overall mission of the U.S. Department of the Interior and the U.S. Geological Survey, is to provide the hydrologic information and understanding needed for the best use and management of the Nation's water resources for the benefit of the people of the United States.

To accomplish its mission, the Water Resources Division in cooperation with State and local governments and other Federal agencies:

- Systematically collects data needed for the continuing determination and evaluation of the quantity, quality, and use of the Nation's water resources.
- Conducts analytical and interpretive water-resources appraisals to describe the occurrence, availability, and physical, chemical, and biological characteristics of surface and ground water and their inter-relationship.
- Conducts supportive basic and problem-oriented research in hydraulics, hydrology, and related fields of science and engineering to improve the basis for field investigations and measurement techniques and to understand hydrologic systems sufficiently well to predict quantitatively their response to stress, either natural or manmade.
- Disseminates water data and the results of investigations and research through reports, maps, computerized information services, and other forms of public releases.
- Coordinates the activities of Federal agencies in the acquisition of certain water information.
- Provides scientific and technical assistance in hydrologic fields to State, local, and other Federal agencies, to licensees of the Federal Energy Regulatory Commission, and, on behalf of the U.S. Department of State, to international agencies.
- Acquires, develops, and disseminates information on water-related natural hazards such as droughts, floods, landslides, land subsidence, mudflows, and volcanoes.
- Administers the provisions of the Water Resources Research Act of 1984, which include the State Water Resources Research Institutes and the Research Grants programs.

Authority for carrying out this mission is derived from legislation of 1879, which created the Geological Survey, and legislation of 1888 and 1894, which provided for gaging of streams and determining the Nation's water supply. Congressional appropriations have been made annually since 1894 for gaging streams and performing other functions relating to water resources. In 1964, the Office of Management and Budget broadened the U.S. Geological Survey's mission to include the role of lead agency for the coordination of Federal water information programs. This responsibility was reaffirmed most recently by the Office of Management and Budget Memorandum 9201 on the coordination of water information.

SOURCE OF FUNDS

The Water Resources Division's programs are funded as follows: (1) Federal program, which is specifically identified in annual Geological Survey appropriations; (2) Federal-State Cooperative program, where the Water Resources Division represents national interests, the cooperating agencies represent State and local interests, and the funding is shared 50/50, with the Federal share coming from direct congressional appropriations; (3) Other

December 1992

Water Resources Division Information Guide
ORGANIZATION OF THE WATER RESOURCES DIVISION

CHIEF HYDROLOGIST

ASSOCIATE CHIEF HYDROLOGIST

PROGRAM OFFICER

DEPUTY ASSISTANT CHIEF HYDROLOGIST FOR NAWQA

OFFICE OF ATMOSPHERIC DEPOSITION ANALYSIS

OFFICE OF GROUND WATER

OFFICE OF SURFACE WATER

OFFICE OF WATER QUALITY

OFFICE OF WATER USE INFORMATION

OFFICE OF HYDROLOGIC RESEARCH

BRANCHES OF REGIONAL RESEARCH

EASTERN REGION

CENTRAL REGION

WESTERN REGION

BRANCH OF COMPUTER TECHNOLOGY

BRANCH OF SCIENTIFIC PUBLICATIONS

BRANCH OF WATER INFORMATION TRANSFER

OFFICE OF NATIONWIDE WATER SUMMARY

OFFICE OF REGIONAL HYDROLOGIST

NORTHEASTERN REGION

SOUTHEASTERN REGION

MIDWESTERN REGION

NORTHWESTERN REGION

OFFICE OF REGIONAL HYDROLOGIST

AREA OFFICES

AREA OFFICES

AREA OFFICES

AREA OFFICES

DISTRICT OFFICES

CONNECTICUT

ILLINOIS

INDIANA

KENTUCKY

MAINE

MARYLAND

DELWARE-D.C.

MASSACHUSETTS

RHODE ISLAND

MICHIGAN

NEW HAMPSHIRE

VERMONT

NEW JERSEY

NEW YORK

OHIO

PENNSYLVANIA

VIRGINIA

WEST VIRGINIA

WISCONSIN

DISTRICT OFFICES

ALABAMA

ARKANSAS

CARIBBEAN

FLORIDA

GEORGIA

LOUISIANA

MISSOURI

MISSISSIPPI

NORTH CAROLINA

SOUTH CAROLINA

TENNESSEE

DISTRICT OFFICES

COLORADO

IOWA

KANSAS

MINNESOTA

MONTANA

NEBRASKA

NEW MEXICO

NORTH DAKOTA

OKLAHOMA

SOUTH DAKOTA

TEXAS

WYOMING

DISTRICT OFFICES

ALASKA

ARIZONA

CALIFORNIA

HAWAI

IDAHO

NEVADA

OREGON

UTAH

WASHINGTON

* National facility administered by the office shown
Federal Agencies (OFA) program, which is funded by reimbursements to the Geological Survey by the agencies requesting the work; and (4) State Water Research Institutes and Water Resources Research Grants programs, which are matching grant programs for the 54 State Water Resources Research Institutes and research grantees, with the Federal share coming from direct congressional appropriations.

ORGANIZATION

The Water Resources Division is one of three program Divisions and two support Divisions within the U.S. Geological Survey.

ORGANIZATION OF THE U.S. GEOLOGICAL SURVEY

HEADQUARTERS ORGANIZATION

Headquarters of the Water Resources Division is located at the U.S. Geological Survey's National Center in Reston, Va., and consists of the Office of the Chief Hydrologist, the Offices of the Assistant Chief Hydrologists for Operations, Program Coordination and Technical Support, Research and External Coordination, Scientific Information Management, and Water Assessment and Data Coordination.

The Chief Hydrologist, assisted by the Associate Chief Hydrologist, has overall responsibility for planning and managing the water-resources programs of the Geological Survey. A Program Officer, who is the Divisions focus for congressional budgets, reports directly to the Chief Hydrologist.

Functions needed to administer the programs of the Water Resources Division are divided among five Assistant Chief Hydrologists:

Assistant Chief Hydrologist for Operations who advises on the establishment of policy in budgetary, accounting, human resources, program status, and technical matters; provides administrative and technical services to operational offices in support of their programs; manages the Federal-State Cooperative program and Technical Support program budgets; and directs the Federal Data Collection program and instrumentation development efforts, including satellite data relay activities.

Assistant Chief Hydrologist for Program Coordination and Technical Support who advises on the planning and development of integrated national programs of hydrologic investigations; provides technical advice and support to the Division, including direction of quality-assurance efforts for scientific and data-collection activities; provides for the acquisition of information on the Nation's use of water; oversees the development of new approaches and methodologies; provides oversight for hydrologic training programs; and provides policy direction and guidance to the Offices of Atmospheric Deposition Analysis, Ground Water, Surface Water, Water Quality, and Office of the Deputy Assistant Chief Hydrologist for National Water Quality Assessment.

Assistant Chief Hydrologist for Research and External Coordination who advises on the planning and development of national research programs, both in-house and those required by the provisions of the Water Resources Research Act of 1984 (P.L. 98-242); directs the international aspects of research and investigative programs; and provides direction and guidance to the Offices of External Research and Hydrologic Research.

Assistant Chief Hydrologist for Scientific Information Management who advises on the development of policy and programs related to the production and dissemination of scientific and general-interest publications; the development of methods and procedures for processing, storing, retrieving, and disseminating water data, collected by the Division's field organization, in managing the computerized Distributed Information System and the National Water Data Storage and Retrieval System (WATSTORE); the management and operation of programs such as the National Water Data Exchange (NAWDEX) and the Water Resources Scientific Information Center (WRSIC) that assist users in determining the availability of water data and related information from the Federal Government, programs that assist in both information and technology transfer; and programs that are related
Assistant Chief Hydrologist for Water Assessment and Data Coordination who advises on the development and planning of activities to characterize water-resources conditions, trends, and variability at the national level to provide overviews of specific water issues; advises on policies and programs to promote interagency information coordination activities under Office of Management and Budget Memorandum 92-01 facilitates the development of long-range plans and the review of proposed legislation; and provides policy direction and guidance to the Office of Water Data Coordination and the National Water Summary program.

FIELD ORGANIZATION

Region. General direction of the Division's field program is through four Regional Hydrologists, each of whom is located at a regional center—Reston, Va. (Northeastern Region); Norcross, Ga. (Southeastern Region); Lakewood (Denver), Colo. (Central Region); and Menlo Park, Calif. (Western Region).

Each region consists of several States, and each Regional Hydrologist, with authority from the Chief Hydrologist, is responsible for the water-resources programs and projects conducted by the District offices within the region. The Regional Hydrologist also represents the Chief Hydrologist in negotiations and dealings with other organizations and committees on matters of concern to the Division. Regional Hydrologists are assisted by Area Hydrologists who are responsible for coordinating management activities among several Districts in each area as shown on the map and organization chart on page 5.

District. Field operations are conducted through 48 District offices, each headed by a District Chief. These offices generally are located in State capitals, and their jurisdictional boundaries correspond to State boundaries. Each District typically has one or more subdistrict and field offices that report to the District Chief. There are three multi-State Districts—New Hampshire-Vermont, Massachusetts-Rhode Island, and Maryland-Delaware-D.C.—that have offices that coordinate programs within each State and report to the District office. Each District Chief is responsible for the planning, programming, and implementation of water-resources investigations within the District.

SUPPORT FUNCTIONS

Support functions, such as data processing, processing of publications, and employee training programs, are centered at the national Headquarters and the regional centers.

Analytical services for water-quality determinations are provided by a National Water-Quality Laboratory System that consists of a large, highly automated laboratory in Arvada (Denver area), Colo., and by cooperators and contract laboratories at various locations, all working through the Branch of Analytical Services at Arvada. The Branch of Instrumentation at Headquarters is responsible for all aspects of instrumentation in support of the Division's programs; the Satellite Data Relay Project is located at Headquarters, and all other instrumentation services are centered at the Hydrologic Instrumentation Facility at the John C. Stennis Space Center, Miss. A training program in all aspects of the Division's activities is conducted at the Geological Survey National Training Center in Lakewood; this center, administered by the Water Resources Division, also serves the needs of the other Geological Survey Divisions.

PROGRAMS AND ACTIVITIES

The Water Resources Division conducts three major types of activities: data collection and dissemination, interpretive water-resources studies, and research. This classification is helpful for budgetary and discussion purposes, but, in fact, most programs are interrelated. For example, data collection is a major component of all interpretive studies and most research projects; conversely, the results derived from research activities provide the foundation for selective data collection and interpretive studies.

Current programs and activities of the Water Resources Division are discussed briefly in the following paragraphs, and the reader is directed to where more specific information can be obtained. Note that the referral addresses and telephone numbers for most of the activities discussed are listed on page 13 and following pages. Requests for general information on water resources of an area or the Nation and on activities of the Water Resources Division, and information on published reports, can be addressed to the Hydrologic Information Unit, U.S. Geological Survey, 419 National Center, Reston, VA 22092. Questions about policy and programs of the Water Resources Division may be addressed to the Chief Hydrologist or to the Regional Hydrologist of the area in question.
Acid Rain Program. Strong acids in precipitation, both rain and snow, and acidic dry atmospheric deposition are thought to be responsible for the acidification of a number of sensitive lakes in the northeastern United States and southeastern Canada over the last 30 years, and for damage to other resources as well. The Geological Survey, in cooperation with other Federal agencies and many State agencies, is participating in a coordinated nationwide program to monitor the chemical composition of precipitation and of selected streams and lakes that are now or may be affected by acid rain. As part of this same program, the Survey also is conducting research in selected watersheds to gain a better understanding of the hydrologic and geochemical processes that determine whether or not acid rain will ultimately affect the quality of water coming from the watershed. In addition to developing a basic understanding of the effects of atmospheric deposition on water quality, the program is intended to document the beneficial effects of reduced emissions of acid rain precursors required under The Clean Air Act Amendments of 1990. Further information can be obtained from the Office of Atmospheric Deposition Analysis.

Coordination of Water Information Programs. The U.S. Department of the Interior, through the U.S. Geological Survey, Office of Water Data Coordination (OWDC), is responsible for operating a Water Information Coordination Program (WICP) that coordinates the water-information activities of all agencies of the Federal Government. An important goal of WICP is to ensure effective management of Federal resources to meet requirements for water-resources information. Numerous Federal and non-Federal agencies and organizations participate in the program. Federal interests are represented by about 30 Federal agencies while non-Federal interests are represented by state agencies, national and regional associations, and professional and technical societies. The Office of Management and Budget (OMB) issued Memorandum 92-01 on December 10, 1991, to replace OMB Circular A-67 and to strengthen the coordination process. OWDC works closely with a large number of agencies and organizations to facilitate water-resources information acquisition and exchange activities nationwide. More detailed information on these activities may be obtained from the Office of Water Data Coordination.

District Programs. These programs incorporate the Federal, Other Federal Agency, and Federal-State Cooperative programs. Specific information can be obtained from the appropriate District Chief or Regional Hydrologist.

Environmental Affairs Program. This program supports the development and implementation of environmental policy and guidance within the U.S. Geological Survey pursuant to the National Environmental Policy Act (NEPA) of 1969 and regulations of the Council on Environmental Quality; assists in monitoring Geological Survey activities to ensure quality control of environmental assessment documents and compliance with NEPA; assists in the management of NEPA-related analyses within the Geological Survey, including the coordination of contributions to Environmental Impact Statements (EIS) at the request of other agencies; and provides Geological Survey review and comments on EIS and other environmental documents. EAP also manages Geological Survey conduct of Superfund-related natural-resources surveys by providing technical support to the Department of the Interior and coordinates USGS support on the National Ocean Pollution Protection Act. Further information can be obtained from the Environmental Affairs Program office, Branch of Water Information Transfer.

Federal-State Cooperative Program. The Federal-State Cooperative program (50:50 matching) is a unique partnership for water-resources investigations between the Geological Survey and State and local agencies. Although State and local cooperating agencies provide at least one-half of the funds, the Geological Survey conducts most of the work. This program is the foundation for much of the planning, development, and management of the Nation's water resources. In addition, it serves as an early warning system for the detection of emerging water problems. The Cooperative program is active in all 50 States, Puerto Rico, and several territories, and, in 1991, there were joint-funding agreements with more than 1,000 State and local agencies. As part of this program, each of the Water Resources Division's District offices collects hydrologic data and conducts interpretive areal water-resources appraisals. Additional information on the Federal-State Cooperative program can be obtained from the Assistant Chief Hydrologist for Operations, from the Regional Hydrologist, from the Area Hydrologist, or from the District Chief of the State of interest.

Global Change Hydrology Program. The Global Change Hydrology program, established in 1990, is an interdisciplinary program aimed at improving the accuracy
of predictions of the effects of hydrologic systems on the climate and, conversely, improving the quality of predictions of the effects of changes in the climate on hydrologic systems. The purpose of the program is to develop data, understanding, and predictive capabilities associated with (1) the effects of climate change on hydrologic systems; (2) the sensitivity of water resources to climate change; (3) the effects of greenhouse gases on the earth and the atmosphere; and (4) the effects of nutrients on water resources, including the oceans, in the global warming scenario. This program is part of a USGS response to the need for improved earth science information regarding global climate change, and is an integral part of the research plan of the U.S. Global Change Research program developed by the interagency Committee on Earth and Environmental Sciences of the Federal Coordinating Council on Science, Engineering, and Technology, under the Office of Science and Technology Policy.

National Research Program (NRP). This program, established in the late 1950's, encompasses a broad spectrum of scientific investigations. The sciences of hydrology, mathematics, chemistry, physics, ecology, biology, geology, and engineering are used to gain a fundamental understanding of the processes that affect the availability, movement, and quality of the Nation's water resources. The knowledge gained and the methods developed contribute directly to the WRD operational programs. Results of the investigations conducted by the NRP are applicable not only to the solution of current water problems, but also to future issues, anticipated or unanticipated, that may affect the Nation's water resources. For technical administration, the NRP is subdivided into six disciplines: ecology; geomorphology and sediment transport; ground-water chemistry; ground-water hydrology; surface-water chemistry; and surface-water hydrology. Most research is conducted in the Branches of Regional Research at centers in Reston, Va.; Lakewood, Colo.; and Menlo Park, Calif.; and at a few project offices in other sections of the country. A Chief, Branch of Regional Research, operating under the Office of Hydrologic Research, administers the research projects in the regional centers. Annual reports containing a summary of the problem, objective, approach, and progress for each NRP project are published (see section "Scientific Publications Program" for availability of these reports). Additional information about the NRP can be obtained from the Office of Hydrologic Research.

National Water Data Exchange (NAWDEX). The National Water Data Exchange is an interagency program to facilitate the exchange of water data and to promote the improvement of water-data handling procedures. The participants in the NAWDEX program are those Federal, State, local governmental, interstate, academic, and private organizations that collect, store, and use water data. The National Water Data Exchange is managed by a Program Office, which is administered by the Water Resources Division. Information on sites for which water data are available, the types of data available, and the organizations that store the data is available from NAWDEX. Assistance in identifying, locating, and acquiring data is provided by the NAWDEX Program Office at Reston, Va., by NAWDEX Assistance Centers at the Water Resources Division District offices listed in this Guide, and by the offices of other NAWDEX member organizations. A directory of assistance centers, and more detailed information about services, can be obtained from the NAWDEX Program Office, Branch of Water Information Transfer.

National Water-Quality Assessment Program (NAWQA). In 1991, following a 5-year pilot effort to test and refine assessment concepts, the Congress appropriated funds to the U.S. Geological Survey to begin a multiyear transition to a fully operational NAWQA program. The goals of the program are to (1) describe the status and trends in the quality of a large representative part of the Nation’s ground- and surface-water resources, and (2) develop an understanding of the natural and human factors affecting the quality of these resources. This information, obtained on a continuing basis, will provide sound nationally consistent water-quality information on which water resources decisionmaking at all governmental levels can be based. To meet its goals, the program will integrate water-quality information at local, regional, and national scales. Investigations of surface- and ground-water resources of major regional hydrologic systems will be conducted on a rotating basis for 60 key areas located throughout the Nation. In 1991, assessment activities began in 20 areas. Twenty additional areas are planned for assessment activities in 1994 and in 1997. A wide range of major water-quality issues will be addressed by the NAWQA program. One concern, which will be addressed on a national level during the early years of the program, is the relation of pesticides in the Nation’s water resources to agricultural management practices,
climate, geology, and types of soil. Information on the principal factors affecting ground- and surface-water contamination by pesticides will be useful to land and water-resource policy makers and managers. Additional Information on the NAWQA program can be obtained from the Office of the Deputy Assistant Chief Hydrologist for the National Water-Quality Assessment Program.

National Water Information Clearinghouse (NWIC). The NWIC is a new and emerging program designed to manage and coordinate the exchange of water resources information with Federal, State, and local governmental agencies, academia, industry, and the general public. Clearinghouse activities include outreach and training; information/data dissemination, including water-data indexing and literature abstracting; educational programs; and data-systems modernization. Two Clearinghouse pilot centers will be operational in 1992. One center in Reston, Va., will focus on developing linkages with Federal agencies and the technical and general user communities in the Washington, D.C., metropolitan area. The Sacramento, Calif., center will focus on developing computerized interfaces with State and local agencies and creating an automated tracking system for Clearinghouse requests. A nationwide toll-free number, 1-800-H2O-9000 (1-800-426-9000) has been established to promote easy access to the Clearinghouse. Further information can be obtained from the National Water Information Clearinghouse office, Branch of Water Information Transfer.

National Water Information System (NWIS). As explained in the section "Water-Data Program," all data collected through that program are stored in WATSTORE, and the data are available on request. These data can be retrieved in machine-readable form or as computer-printed tables or graphs, statistical analyses, and digital plots. Local assistance in the acquisition of service or products from WATSTORE can be obtained from the District offices listed in this Guide. The National Water Information System Program is modernizing the water data management and processing systems of the Water Resources Division. The new system, National Water Information System II, will integrate all the current water data systems, including WATSTORE, NAWDEX (page 13), and files maintained at each District Office. The NWIS-II hydrologic data management and processing system will be implemented in two phases in 1993 to replace WATSTORE. The first release, which will be distributed to WRD Districts beginning in April 1993, will provide for processing and storage of water quality, ground water, and biological data. The second release in October 1993, will provide for processing and storage of water use and all other data, including daily stream flow and sediment discharge. Information about WATSTORE or NWIS-II may be obtained from the NWIS Program office, Branch of Computer Technology.

National Water-Quality Networks Program. As the designated lead Federal agency responsible for describing and appraising the Nation's water resources, the USGS, in cooperation with other Federal and non-Federal agencies, operates four networks for monitoring water quality. The largest of these networks, which consists of more than 400 sampling sites, is the National Stream Quality Accounting Network (NASQAN). Samples from NASQAN data-collection sites, which are located at or near the downstream end of hydrologic accounting units or are at representative sites along coastal areas and the Great Lakes, are used to measure a comprehensive list of physical and chemical characteristics on a quarterly or bimonthly schedule to fulfill information needs of national and regional water-resources planners and managers. Operated within NASQAN is the Radiochemical Surveillance Network consisting of 45 sampling sites, generally on large rivers, at which gross radiochemical data for several isotopes are obtained. Additional radiochemical data are collected from the Tritium Network, which monitors tritium concentrations at 13 streamflow and 9 atmospheric precipitation sampling sites throughout the United States. The last network, the Hydrologic Benchmark Network, consists of 58 sampling sites used to monitor the "natural" streamflow and water quality of small river basins that are known to be relatively unaffected by man's activities. Radiochemical data also are collected at these sites. These networks are coordinated from the Headquarters office and further information can be obtained from the Office of Water Quality.

National Water Summary Program. The National Water Summary program was established in 1981 to synthesize information about the availability, quantity, quality, and use of water resources and to organize it in ways that portray the condition of the Nation's water resources to national, State, and local officials and to the general public. The information is being prepared on a continuing basis from results of the Geological Survey's water-resources investigations and data-collection programs. Publication of "National Water Summary" reports
The RASA program represents a systematic effort to study a number of regional ground-water flow systems, which together include much of the country and represent a significant element of the national water supply. Twenty-seven systems have been identified for study; in general, these systems transcend the political subdivisions to which hydrologic investigations have often been limited in the past. The overall objective of the program is to assemble hydrologic, geologic, and geochemical information and create capabilities necessary for effective management of the Nation's ground water. At the completion of the program a regional analysis will have been completed for 25 of the 28 systems identified for study. This program is coordinated from Headquarters and further information can be obtained from the Office of Ground Water.


The Water Resources Division’s current program in the 50 States and Puerto Rico is explained in a series of reports entitled “Water-Resources Activities of the Geological Survey in (State).” A limited supply of reports for all States is kept by the Hydrologic Information Unit (HIU), U.S. Geological Survey, 419 National Center, Reston, VA 22092; reports for specific States are available from the appropriate District office listed in this Guide. HIU answers general questions on hydrology, water resources, hydrologic mapping, publications, activities, projects, and services of the Water Resources Division, making referrals to appropriate Field and Headquarters offices when
necessary. HIU also maintains limited stocks of Geological Survey general-interest publications. The general-interest publications series of the Geological Survey consists of short presentations on topics of interest to the general public in the form of leaflets, booklets, essay reprints, brochures, and water fact sheets. HIU functions as the focal point for reporting current hydrologic conditions and extreme hydrologic events for both the Water Resources Division and the Geological Survey. "National Water Conditions," a monthly summary of hydrologic conditions in the United States and southern Canada, is prepared by HIU with both single copies and subscriptions free on application.

Data on streamflow, ground-water levels, and water quality of surface and ground water are available for each State by water year in a publication series entitled "U.S. Geological Survey Water-Data Reports." These reports may be purchased from the National Technical Information Service (NTIS), U.S. Department of Commerce, Springfield, VA 22161; reference copies can be inspected at appropriate District offices.

Beginning with the 1990 water year, all water-data reports will also be available on Compact Disc-Read Only Memory (CD-ROM). All data reports published for the current water year for the entire Nation, including Puerto Rico and the Trust Territories, will be reproduced on a single CD-ROM disc.

Annual summaries of research projects in the National Research program and supported by the Water Resources Research Grants program, entitled respectively, "National Research program of the Water Resources Division, U.S. Geological Survey, Fiscal Year 19_..." and "Water Resources Research Grant Program Project Descriptions, Fiscal Year 19_..." can be purchased from the U.S. Geological Survey, Books and Open-File Reports, Box 25425, Denver Federal Center, Denver, CO, 80225. Reference copies of these reports are available at State Water Resources Research Institutes and at the offices listed in this guide.

Significant activities of the Water Resources Division are summarized annually in the U.S. Geological Survey Yearbook. A summary of hydrologic events and selected water-resources issues is published annually in the U.S. Geological Survey Water-Supply Paper "National Water Summary 19..." Both reports can be purchased from the U.S. Geological Survey, Branch of Distribution, P.O. Box 25286, Denver Federal Center, Denver, CO, 80225; reference copies are available at large public and university libraries and at the offices listed in this Guide.

"Selected Papers in the Hydrologic Sciences," first published in 1984, is a journal-type publication in the Water-Supply Paper series aimed at meeting widespread public and professional interests of the hydrologic community for timely results on hydrologic studies derived from the Federal Research program, and the Federal-State Cooperative program of the Geological Survey. Also included are results of some studies conducted on behalf of other Federal agencies. Dialogue between readers and authors is encouraged, and a discussion section for reader's comments and author's replies is included.

District offices usually maintain reference libraries containing single copies of selected water-supply papers, professional papers, bulletins, and circulars, and also at least one library copy of reports pertaining to the State or States in the District. These library copies can be examined by the general public. There are also over 1,200 Federal Depository Libraries that receive copies of selected U.S. Government reports from the Office of the Public Printer (Government Printing Office), with at least one of these libraries in each State, Territory, Commonwealth, or possession of the United States. The HIU has reference copies of "Federal Depository Libraries" (available from the Office of the Public Printer) which lists Depository Libraries, and can furnish the locations of libraries in an area or State. Questions on availability of publications in a particular library should be directed to that library.

Additional information about the publications program can be obtained from the Branch of Scientific Publications.

State Water Resources Research Institutes Program. This program is implemented through grants to 54 Institutes located at the Land Grant universities in each of the States, the District of Columbia, the Virgin Islands, Puerto Rico, and Guam, which also serves the Federated States of Micronesia. Grants are used by the Institutes to support research, education, and information-transfer on State and regional water-resources problems. All Institutes, with the exception of those in Guam, Puerto Rico, and the Virgin Islands, must match the Federal grants at a ratio of 2:1 with non-Federal funds. This program is authorized by the Water Resources Research Act of 1984, as amended by Public Law 99-662 and Public Law 101-397. Additional information on the program can be obtained from the Office of External Research.

Toxic Substances Hydrology Program (TSHP). The TSHP is an interdisciplinary program designed to provide the hydrologic information necessary both to improve
waste-disposal practices and also to help mitigate surface- and ground-water contamination problems. This program focuses on the occurrence, movement, and fate of toxic substances in the hydrologic system by (1) studying major types of contaminants in ground and surface waters and (2) developing new methods to assess the extent of contamination. The TSHP uses the results and data bases of previous studies by the USGS that are relevant to the program and coordinates with the RASA Program, the Branch of Nuclear Waste Hydrology, and other applicable programs. Additional information on the program can be obtained from the Toxic Substances Hydrology Program Office, Office of Water Quality.

Water-Data Program. Water-data stations at selected locations throughout the Nation are used by the USGS to obtain records on stream discharge (flow) and stage (height), reservoir and lake stage and storage, ground-water levels, well and spring discharge, and the quality of surface and ground water. These data provide a continuing record of the quantity and quality of the Nation’s surface- and ground-water resources, and thus provide the hydrologic information needed by Federal, State, and local agencies and the private sector for the development and management of land and water resources. All data collected are stored in the Survey’s WATSTORE data base (see section on NWIS, page 8, for additional information on this data base) and also are published by water year for each State in a publications series entitled “U.S. Geological Survey Water-Data Reports” (see section “Scientific Publications Program” for availability of these reports). Information about the Water-Data program can be obtained from the Assistant Chief Hydrologist for Operations or from the District Chief of the State of interest.

Water Resources Research Grants Program. The Water Resources Research Grants Program is a national program of competitive grants to support research in water-resource problem areas. State Water Resources Research Institutes, qualified educational institutions, private foundations, private firms, individuals, and agencies of local or State government are eligible to receive grants on a dollar-for-dollar matching basis for research concerning any water-resource problem within the authority of the Water Resources Research Act of 1984, as amended. Periodically published announcements solicit proposals in six broad categories: water quality, ground-water flow and transport, engineering, climate and hydrology, biological sciences, and social sciences. Proposals are selected for funding on the basis of the relevance of the proposed research to national and regional water-resources problems; technical merit; the qualifications of the investigators and evidence that they are familiar with previous and ongoing related work; and the extent to which the proposed research would further the training of graduate students as research scientists.

Annual reports containing a summary of the problem, objective, and approach for each funded project and an abstract of the final report for each completed project during the year are published (see section “Scientific Publications Program” for availability of these reports). This program is authorized by the Water Resources Research Act of 1984, as amended by Public Law 99-662 and Public Law 101-397. Additional information on the program can be obtained from the Office of External Research.

Water Resources Scientific Information Center (WRSIC). WRSIC was established to increase the availability and knowledge of water-related scientific and technical information to the public and private users. To accomplish this purpose, WRSIC abstracts water-resource publications from throughout the world and makes this information available to the water-resources community and the public through publications and computerized bibliographic information services. The bibliographic database comprises about 250,000 abstracts cumulated since 1968. The database until 1992 was published monthly as Selected Water Resources Abstracts but is now available from several commercial vendors on CD-ROM. Two commercial on-line services also make the database available to the public. Within WRD the on-line services also make the database available to the public. Within WRD the on-line service for the entire database will be available on the DIS-II. Information on WRSIC products can be obtained from the Chief, WRSIC Program Office, Branch of Water Information Transfer.
### 1993 WATER YEAR/FISCAL YEAR

#### OCTOBER 1992

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<td>Water Resources Scientific Information Center</td>
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<td>Assistant Chief Hydrologist for Water Assessment and Data Coordination</td>
<td>6856</td>
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<td>Deputy Assistant Chief Hydrologist for Water Assessment and Data Coordination</td>
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<td>Office of Water Data Coordination</td>
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* 1-800-H2O-9000
NORTHEASTERN REGION

OFFICE OF THE REGIONAL HYDROLOGIST
Address: Regional Hydrologist
U.S. Geological Survey
433 National Center
Reston, VA 22092
Telephone: (703) 648-5817
Office hours: 7:45 a.m. to 4:15 p.m. Eastern Time

AREA HYDROLOGISTS

MID-ATLANTIC PROGRAM (Maryland-Delaware-D.C., Virginia, and West Virginia)
Address:
Area Hydrologist, WRD
U.S. Geological Survey
208 Carroll Bldg.
8600 La Salle Road
Towson, MD 21204
Telephone: (410) 828-1535
Office hours: 6:30 a.m. to 5:30 p.m. Eastern Time

MID-EAST PROGRAM (New Jersey and Pennsylvania)
Mailing address:
Area Hydrologist, WRD
U.S. Geological Survey
Suite 206, Mountain View Office Park
810 Bear Tavern Rd.
West Trenton, NJ 08628
Telephone: (609) 771-3902
Office hours: 7:45 a.m. to 4:15 p.m. Eastern Time

NEW ENGLAND PROGRAM—Continued
Address:
Area Hydrologist, WRD
U.S. Geological Survey
28 Lord Road, Suite 280
Marlborough, MA 01752
Telephone: (508) 490-5002
Office hours: 8:00 a.m. to 4:30 p.m. Eastern Time

NEW ENGLAND PROGRAM (Massachusetts-Rhode Island, Connecticut, Maine, and New Hampshire-Vermont)
Address:
Area Hydrologist, WRD
U.S. Geological Survey

CONNECTICUT
Address:
District Chief, WRD
U.S. Geological Survey
Abraham A. Ribicoff Federal Bldg., Rm. 525
450 Main Street
Hartford, CT 06103
Telephone: (203) 240-3060
Office hours: 7:45 a.m. to 4:15 p.m. Eastern Time

DELAWARE See also Maryland
Address:
Subdistrict Chief, WRD
U.S. Geological Survey
Federal Bldg., Rm. 1201
300 S. New Street
Dover, DE 19901
Telephone: (302) 734-2506
Office hours: 8:00 a.m. to 4:30 p.m. Eastern Time

DISTRICT OF COLUMBIA See Maryland

DISTRICT OFFICES

ILLINOIS
Address:
District Chief, WRD
U.S. Geological Survey
102 E. Main St., 4th floor
Urbana, IL 61801
Telephone: (217) 398-5353
Office hours: 8:00 a.m. to 4:30 p.m. Central Time

INDIANA
Address:
District Chief, WRD
U.S. Geological Survey
5957 Lakeside Blvd.
Indianapolis, IN 46278-1996
Telephone: (317) 290-3333
Office hours: 7:30 a.m. to 4:00 p.m. Eastern Time

KENTUCKY
Address:
District Chief, WRD
U.S. Geological Survey

December 1992
KENTUCKY—Continued
2301 Bradley Ave.
Louisville, KY 40217
Telephone: (502) 582-5241
Office hours: 8:00 a.m. to 4:45 p.m. Eastern Time

MAINE
Address:
District Chief, WRD
U.S. Geological Survey
26 Ganneston Drive
Augusta, ME 04330
Telephone: (207) 622-8201
Office hours: 7:30 a.m. to 4:15 p.m. Eastern Time

MARYLAND/DELAWARE/DISTRICT OF COLUMBIA
Address:
District Chief, WRD
U.S. Geological Survey
208 Carroll Bldg.
8600 La Salle Road
Towson, MD 21204
Telephone: (410) 828-1535
Office hours: 6:30 a.m. to 5:30 p.m. Eastern Time

MASSACHUSETTS/ RHODE ISLAND
Address:
District Chief, WRD
U.S. Geological Survey
28 Lord Road, Suite 280
Marlborough, MA 01752
Telephone: (508) 485-6360
Office hours: 8:00 a.m. to 4:30 p.m. Eastern Time

MICHIGAN
Address:
District Chief, WRD
U.S. Geological Survey
6520 Mercantile Way, Suite 5
Lansing, MI 48911
Telephone: (517) 377-1608
Office hours: 7:45 a.m. to 4:15 p.m. Eastern Time

NEW HAMPSHIRE/VERMONT
Address:
District Chief, WRD
U.S. Geological Survey
525 Clinton St.
Bow, NH 03304
Telephone: (603) 225-4681
Office hours: 7:45 a.m. to 4:15 p.m. Eastern Time

NEW JERSEY
Address:
District Chief, WRD
U.S. Geological Survey
Suite 206, Mountain View Office Park
810 Bear Tavern Rd.
West Trenton, NJ 08628
Telephone: (609) 771-3900
Office hours: 7:45 a.m. to 4:15 p.m. Eastern Time

NEW YORK—Continued
Office address:
James T. Foley U.S. Courthouse, Rm. 343
445 Broadway
Albany, NY 12201
Telephone: (518) 472-3107
Office hours: 7:30 a.m. to 4:00 p.m. Eastern Time

OHIO
Address:
District Chief, WRD
U.S. Geological Survey
975 West Third Avenue
Columbus, OH 43212
Telephone: (614) 469-5553
Office hours: 7:30 a.m. to 4:30 p.m. Eastern Time

PENNSYLVANIA
Address:
District Chief, WRD
U.S. Geological Survey
840 Market Street
Lemoyne, PA 17043-1586
Telephone: (717) 730-6900
Office hours: 7:30 a.m. to 4:00 p.m. Eastern Time

RHODE ISLAND See also Massachusetts
Address:
Subdistrict Chief, WRD
U.S. Geological Survey
John O. Pastore Federal Bldg. & U.S. Post Office
Room 237
Providence, RI 02903
Telephone: (401) 528-5135
Office hours: 8:00 a.m. to 4:30 p.m. Eastern Time

VERMONT See New Hampshire

VIRGINIA
Address:
District Chief, WRD
U.S. Geological Survey
3600 West Broad Street, Rm. 606
Richmond, VA 23230
Telephone: (804) 771-2427
Office hours: 8:00 a.m. to 4:45 p.m. Eastern Time

WEST VIRGINIA
Address:
District Chief, WRD
U.S. Geological Survey
603 Morris Street
Charleston, WV 25301
Telephone: (304) 347-5130
Office hours: 7:30 a.m. to 4:00 p.m. Eastern Time

WISCONSIN
Address:
District Chief, WRD
U.S. Geological Survey
6417 Normandy Lane
Madison, WI 53719-1133
Telephone: (608) 274-3535
Office hours: 8:00 a.m. to 4:30 p.m. Central Time

December 1992
OFFICE OF THE REGIONAL HYDROLOGIST

Address: Regional Hydrologist
U.S. Geological Survey
Spaulding Woods Office Park
3850 Holcomb Bridge Road, Suite 160
Norcross, GA 30392
Telephone: (404) 409-7701
Office hours: 7:30 a.m. to 4:00 p.m. Eastern Time

AREA HYDROLOGISTS

FLORIDA-CARIBBEAN PROGRAM (Florida and Caribbean)
Address:
Area Hydrologist, WRD
U.S. Geological Survey
227 N. Bronough St., Suite 3015
Tallahassee, FL 32301
Telephone: (904) 681-7620
Office hours: 7:45 a.m. to 4:30 p.m. Eastern Time

LOWER MISSISSIPPI PROGRAM (Arkansas, Louisiana, Missouri, and Mississippi)
Address:
Area Hydrologist, WRD
U.S. Geological Survey
Federal Office Bldg., Rm. 2301
700 West Capitol Avenue
Little Rock, AR 72201
Telephone: (501) 324-6391
Office hours: 7:30 a.m. to 4:00 p.m. Central Time

SOUTHEAST PROGRAM (Georgia, Alabama, North Carolina, South Carolina, and Tennessee)
Address:
Area Hydrologist, WRD
U.S. Geological Survey
Spaulding Woods Office Park
3850 Holcomb Bridge Road, Suite 160
Norcross, GA 30392
Telephone: (404) 409-7703
Office hours: 7:30 a.m. to 4:00 p.m. Eastern Time

DISTRICT OFFICES

ALABAMA
Address:
District Chief, WRD
U.S. Geological Survey
520 19th Avenue
Tuscaloosa, AL 35401
Telephone: (205) 752-8104
Office hours: 7:30 a.m. to 4:00 p.m. Central Time

ARKANSAS
Address:
District Chief, WRD
U.S. Geological Survey
Federal Office Bldg., Rm. 2301
700 West Capitol Avenue
Little Rock, AR 72201
Telephone: (501) 324-6391
Office hours: 7:30 a.m. to 4:00 p.m. Central Time

CARIBBEAN (PUERTO RICO/U.S. VIRGIN ISLANDS)
Address:
District Chief, WRD
U.S. Geological Survey
P.O. Box 364424
San Juan, PR 00936-4424
Office hours: 7:45 a.m. to 4:30 p.m. Atlantic Time

CARIBBEAN (PUERTO RICO/U.S. VIRGIN ISLANDS)
—Continued
Address:
District Chief, WRD
U.S. Geological Survey
227 N. Bronough St., Suite 3015
Tallahassee, FL 32301
Telephone: (904) 681-7620
Office hours: 7:45 a.m. to 4:30 p.m. Eastern Time

FLORIDA
Address:
District Chief, WRD
U.S. Geological Survey
227 N. Bronough St., Suite 3015
Tallahassee, FL 32301
Telephone: (904) 681-7620
Office hours: 7:45 a.m. to 4:30 p.m. Eastern Time

GEORGIA
Address:
District Chief, WRD
U.S. Geological Survey
Peachtree Business Center, Suite 130
3039 Amwiler Road
Atlanta, GA 30360-2824
Telephone: (404) 903-9100
Office hours: 8:00 a.m. to 4:30 p.m. Eastern Time

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LOUISIANA

Mailing address:
District Chief, WRD
U.S. Geological Survey
P.O. Box 66492
Baton Rouge, LA 70896

Office address:
6554 Florida Boulevard
Baton Rouge, LA 70806

Telephone: (504) 389-0281
Office hours: 7:45 a.m. to 4:30 p.m. Central Time

NORTH CAROLINA

Address:
District Chief, WRD
U.S. Geological Survey
P.O. Box 30728
Raleigh, NC 27606

Office address:
3916 Sunset Road
Raleigh, NC 27606

Telephone: (919) 571-4000
Office hours: 8:00 a.m. to 4:45 p.m. Eastern Time

MISSISSIPPI

Address:
District Chief, WRD
U.S. Geological Survey
Federal Bldg., Suite 710
100 West Capitol Street
Jackson, MS 39269

Telephone: (601) 965-4600
Office hours: 8:00 a.m. to 4:30 p.m. Central Time

SOUTH CAROLINA

Address:
District Chief, WRD
U.S. Geological Survey
720 Gracem Road
Stephenson Center, Suite 129
Columbia, SC 29210

Telephone: (803) 750-6100
Office hours: 7:45 a.m. to 4:30 p.m. Eastern Time

MISSOURI

Address:
District Chief, WRD
U.S. Geological Survey
1400 Independence Road, Mail Stop 200
Rolla, MO 65401

Telephone: (314) 341-0825
Office hours: 7:30 a.m. to 4:00 p.m. Central Time

TENNESSEE

Address:
District Chief, WRD
U.S. Geological Survey
810 Broadway, Suite 500
Nashville, TN 37203

Telephone: (615) 736-5424
Office hours: 7:45 a.m. to 4:45 p.m. Central Time

U.S. VIRGIN ISLANDS  See Puerto Rico
CENTRAL REGION
Colorado, Iowa, Kansas, Minnesota, Montana, Nebraska, New Mexico, North Dakota, Oklahoma, South Dakota, Texas, Utah, Wyoming

OFFICE OF THE REGIONAL HYDROLOGIST
Address: Regional Hydrologist
U.S. Geological Survey
Mail Stop 406, Box 25046
Denver Federal Center
Lakewood, CO 80225
Telephone: (303) 236-5920
Office hours: 8:00 a.m. to 4:30 p.m. Mountain Time

AREA HYDROLOGISTS

MIDWEST PROGRAM (Kansas, Iowa, and Nebraska)
Address:
Area Hydrologist, WRD
U.S. Geological Survey
4821 Quail Crest Place
Lawrence, KS 66049
Telephone: (913) 832-3567
Office hours: 8:00 a.m. to 4:30 p.m. Central Time

NORTH CENTRAL PROGRAM (Minnesota, North Dakota, and South Dakota)
Address:
Area Hydrologist, WRD
U.S. Geological Survey
2280 Woodale Drive
Mounds View, MN  55112
Telephone: (612) 229-2600
Office hours: 8:00 a.m. to 4:30 p.m. Central Time

ROCKY MOUNTAIN PROGRAM (Colorado, Montana, and Wyoming)
Address:
Area Hydrologist, WRD
U.S. Geological Survey
Mail Stop 406, Box 25046
Denver Federal Center
Lakewood, CO 80225
Telephone: (303) 236-4882
Office hours: 8:00 a.m. to 4:30 p.m. Mountain Time

SOUTHWEST PROGRAM (Texas, New Mexico, and Oklahoma)
Address:
Area Hydrologist, WRD
U.S. Geological Survey
Building 1
8011 Cameron Road
Austin, TX 78753
Telephone: (512) 873-3004
Office hours: 8:00 a.m. to 4:30 p.m. Central Time

DISTRICT OFFICES

COLORADO
Address:
District Chief, WRD
U.S. Geological Survey
Mail Stop 415, Box 25046
Denver Federal Center, Bldg. 53
Lakewood, CO 80225
Telephone: (303) 236-4882
Office hours: 8:00 a.m. to 4:30 p.m. Mountain Time

KANSAS
Address:
District Chief, WRD
U.S. Geological Survey
4821 Quail Crest Place
Lawrence, KS 66049
Telephone: (913) 832-3505
Office hours: 8:00 a.m. to 4:30 p.m. Central Time

MINNESOTA
Address:
District Chief, WRD
U.S. Geological Survey
2280 Woodale Drive
Mounds View, MN 55112
Telephone: (612) 783-3100
Office hours: 8:00 a.m. to 4:30 p.m. Central Time

IOWA
Mailing address:
District Chief, WRD
U.S. Geological Survey
P.O. Box 1230
Iowa City, IA 52244-1230
Office address:
400 S. Clinton St.
Iowa City, IA 52240
Telephone: (319) 337-4191
Office hours: 7:45 a.m. to 4:30 p.m. Central Time
MONTANA
Address:
District Chief, WRD
U.S. Geological Survey
Federal Bldg., Rm. 428
301 South Park Avenue
Helena, MT 59626-0076
Telephone: (406) 449-5263
Office hours: 8:00 a.m. to 4:30 p.m. Mountain Time

NEBRASKA
Address:
District Chief, WRD
U.S. Geological Survey
Federal Bldg., Rm. 406
100 Centennial Mall, North
Lincoln, NE 68508
Telephone: (402) 437-5082
Office hours: 7:45 a.m. to 4:30 p.m. Central Time

NEW MEXICO
Address:
District Chief, WRD
U.S. Geological Survey
Pinetree Office Park, Suite 200
4501 Indian School Rd., N.E.
Albuquerque, NM 87110-3929
Telephone: (505) 262-5399
Office hours: 7:30 a.m. to 4:30 p.m. Mountain Time

NORTH DAKOTA
Address:
District Chief, WRD
U.S. Geological Survey
821 E. Interstate Avenue
Bismarck, ND 58501-1199
Telephone: (701) 250-4601
Office hours: 8:00 a.m. to 5:00 p.m. Central Time

OKLAHOMA
Address:
District Chief, WRD
U.S. Geological Survey
202 N.W. 66 Street, Building 7
Oklahoma City, OK 73116
Telephone: (405) 231-4256
Office hours: 8:00 a.m. to 4:45 p.m. Central Time

SOUTH DAKOTA
Address:
District Chief, WRD
U.S. Geological Survey
1608 Mt. View Road
Rapid City, SD 57702
Telephone: (605) 394-1781
Office hours: 6:30 a.m. to 4:30 p.m. Mountain Time

TEXAS
Address:
District Chief, WRD
U.S. Geological Survey
Building 1
8011 Cameron Road
Austin, TX 78753
Telephone: (512) 873-3002
Office hours: 7:45 a.m. to 4:30 p.m. Central Time

WYOMING
Address:
District Chief, WRD
U.S. Geological Survey
2617 E. Lincoln Way
Suite B
Cheyenne, WY 82001
Telephone: (307) 772-2728
Office hours: 8:00 a.m. to 4:30 p.m. Mountain Time
WESTERN REGION
Alaska, Arizona, California, Guam, Hawaii, Idaho, Nevada, Oregon, Utah, Washington

OFFICE OF THE REGIONAL HYDROLOGIST
Address: Regional Hydrologist
U.S. Geological Survey
345 Middlefield Road, Mail Stop 470
Menlo Park, CA 94025
Telephone: (415) 329-4414
Office hours: 7:45 a.m. to 4:15 p.m. Pacific Time

AREA HYDROLOGISTS

CALIFORNIA-PACIFIC PROGRAM (California and Hawaii)
Address:
Area Hydrologist, WRD
U.S. Geological Survey
Federal Bldg., Rm. W-2234
2800 Cottage Way
Sacramento, CA 95825
Telephone: (916) 978-4633
Office hours: 7:30 a.m. to 4:00 p.m. Pacific Time

GREAT BASIN PROGRAM (Nevada, Arizona, and Utah)
Address:
Area Hydrologist, WRD
U.S. Geological Survey
333 West Nye Lane, Rm. 203
Carson City, NV 89706
Telephone: (702) 887-7601
Office hours: 8:00 a.m. to 4:30 p.m. Pacific Time

PACIFIC NORTHWEST PROGRAM (Washington, Alaska, Idaho, and Oregon)
Address:
Area Hydrologist, WRD
U.S. Geological Survey
1201 Pacific Avenue, Suite 600
Tacoma, WA 98402
Telephone: (206) 593-6510
Office hours: 7:45 a.m. to 4:30 p.m. Pacific Time

DISTRICT OFFICES

ALASKA
Address:
District Chief, WRD
U.S. Geological Survey
4230 University Dr., Suite 201
Anchorage, AK 99508-4664
Telephone: (907) 786-7110
Office hours: 7:00 a.m. to 4:30 p.m. Alaska-Hawaii Time

ARIZONA
Address:
District Chief, WRD
U.S. Geological Survey
375 S. Euclid Avenue
Tucson, AZ 85719
Telephone: (602) 670-6671
Office hours: 7:30 a.m. to 4:00 p.m. Mountain Time

CALIFORNIA
Address:
District Chief, WRD
U.S. Geological Survey
Federal Bldg., Rm. W-2234
2800 Cottage Way
Sacramento, CA 95825
Telephone: (916) 978-4633
Office hours: 7:30 a.m. to 4:00 p.m. Pacific Time

GUAM See also Hawaii
Mailing address:
Hydrologist-in-Charge
Subdistrict Office, WRD
U.S. Geological Survey
PSC 455, Box 188
FPO San Francisco, CA 96540-1000
Office address:
U.S. Navy Public Works Center, Bldg. 104
Agana, GU 96540-1000
Telephone: (011) 339-5293
Office hours: 8:00 a.m. to 4:30 p.m. Kilo Time

HAWAII (Includes Guam)
Address:
District Chief, WRD
U.S. Geological Survey
677 Ala Moana Blvd., Suite 415
Honolulu, HI 96813
Telephone: (808) 541-2653
Office hours: 8:00 a.m. to 4:30 p.m. Alaska-Hawaii Time

IDAHO
Address:
District Chief, WRD
U.S. Geological Survey
230 Collins Road
Boise, ID 83702-4520
Telephone: (208) 334-1750
Office hours: 7:45 a.m. to 4:15 p.m. Mountain Time

Water Resources Division Information Guide
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NEVADA
Address: District Chief, WRD
U.S. Geological Survey
333 West Nye Lane, Rm. 203
Carson City, NV 89706
Telephone: (702) 887-7600
Office hours: 8:00 a.m. to 4:30 p.m. Pacific Time

OREGON
Address: District Chief, WRD
U.S. Geological Survey
10615 S.E. Cherry Blossom Drive
Portland, OR 97216
Telephone: (503) 251-3200
Office hours: 7:30 a.m. to 4:30 p.m. Pacific Time

UTAH
Address: District Chief, WRD
U.S. Geological Survey
Administration Bldg., Rm. 1016
1745 West 1700 South
Salt Lake City, UT 84104
Telephone: (801) 975-3350
Office hours: 8:00 a.m. to 4:30 p.m. Mountain Time

WASHINGTON
Address: District Chief, WRD
U.S. Geological Survey
1201 Pacific Avenue, Suite 600
Tacoma, WA 98402
Telephone: (206) 593-6510
Office hours: 7:45 a.m. to 4:30 p.m. Pacific Time

HEADQUARTERS BRANCH FIELD LOCATIONS

OFFICE OF THE ASSISTANT CHIEF HYDROLOGIST FOR PROGRAM COORDINATION AND TECHNICAL SUPPORT
Address: See page 13
Telephone: (703) 648-5229

BRANCH OF QUALITY ASSURANCE
Address: U.S. Geological Survey
Mail Stop 401, Box 25046
Denver Federal Center
Lakewood, CO 80225
Telephone: (303) 236-3601
Office hours: 7:00 a.m. to 3:30 p.m. Mountain Time

BRANCH OF ANALYTICAL SERVICES
Address: National Water-Quality Laboratory
U.S. Geological Survey
DFC, Box 25046, Mail Stop 426
Denver, CO 80225

BRANCH OF ANALYTICAL SERVICES—Continued
Physical Location: 5293 Ward Road-B
Arvada, CO 80002
Telephone: (303) 467-8000
Office hours: 8:00 a.m. to 4:30 p.m. Mountain Time

YUCCA MOUNTAIN PROJECT BRANCH
Address: U.S. Geological Survey
Mail Stop 425, Box 25046
Denver Federal Center
Lakewood, CO 80225
Telephone: (303) 236-0516
Office hours: 8:00 a.m. to 4:30 p.m. Mountain Time

OFFICE OF THE ASSISTANT CHIEF HYDROLOGIST FOR RESEARCH AND EXTERNAL COORDINATION

OFFICE OF HYDROLOGIC RESEARCH
Address: See page 13
Telephone: (703) 648-5043

BRANCHES OF REGIONAL RESEARCH

EASTERN REGION
Address: Chief, Branch of Regional Research
U.S. Geological Survey
432 National Center
Reston, VA 22092
Telephone: (703) 648-5835
Office hours: 8:00 a.m. to 4:30 p.m. Eastern Time

CENTRAL REGION—Continued
Denver Federal Center
Lakewood, CO 80225
Telephone: (303) 326-5021
Office hours: 8:00 a.m. to 4:30 p.m. Mountain Time

W ESTERN REGION
Address: Chief, Branch of Regional Research
U.S. Geological Survey
345 Middlefield Road
Menlo Park, CA 94025
Telephone: (415) 329-3412
Office hours: 8:00 a.m. to 4:30 p.m. Pacific Time

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Water Resources Division Information Guide