

**DIRECTORY OF ASSISTANCE CENTERS OF THE
NATIONAL WATER DATA EXCHANGE (NAWDEX)**

By Cassandra D. Blackwell



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**U.S. DEPARTMENT OF THE INTERIOR
BRUCE BABBITT, Secretary**

**U.S. GEOLOGICAL SURVEY
Dallas L. Peck, Director**

**For additional information
write to:**

**Chief Hydrologist
U.S. Geological Survey
421 National Center
Reston, Virginia 22092**

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CONTENTS

	Page
Abstract	1
Introduction.....	1
Services available	1
Service charges	1
Additional information	2
Locations of NAWDEX Assistance Centers	3
Alabama	3
Alaska	3
Arizona.....	4
Arkansas.....	4
California	4
Colorado.....	5
Connecticut	6
Delaware	6
District of Columbia	7
Florida.....	7
Georgia.....	9
Hawaii.....	9
Idaho	10
Illinois	10
Indiana	12
Iowa	12
Kansas.....	13
Kentucky	13
Louisiana.....	13
Maine	14
Maryland.....	14
Massachusetts	14
Michigan	15
Minnesota.....	15
Mississippi	16
Missouri	16
Montana	17
Nebraska	17
Nevada	19
New Hampshire	20

New Jersey	20
New Mexico.....	20
New York.....	21
North Carolina	22
North Dakota.....	23
Ohio	23
Oklahoma.....	24
Oregon	24
Pennsylvania	24
Puerto Rico	26
Rhode Island	26
South Carolina	26
South Dakota.....	27
Tennessee.....	28
Texas.....	28
Utah.....	28
Vermont	31
Virginia	31
Washington	33
West Virginia.....	34
Wisconsin.....	35
Wyoming	36
List of acronyms and abbreviations	38

DIRECTORY OF ASSISTANCE CENTERS OF THE NATIONAL WATER DATA EXCHANGE (NAWDEX)

By Cassandra D. Blackwell

ABSTRACT

The National Water Data Exchange (NAWDEX), managed by the U.S. Geological Survey, has established a network of Assistance Centers throughout the United States and Puerto Rico to assist users of water data in identifying and locating the data they need. This Directory provides the information needed to contact any of the established Centers.

INTRODUCTION

The National Water Data Exchange (NAWDEX) is a nationwide program managed by the U.S. Geological Survey to assist users of water data or water-related data in identifying, locating, and acquiring needed data. NAWDEX is a confederation of water-oriented organizations working together to make their data more readily accessible and to facilitate a more efficient exchange of water data. NAWDEX services are available through a Program Office located at the U.S. Geological Survey's National Center in Reston, Virginia, and a nationwide network of Assistance Centers in 45 states, the District of Columbia and Puerto Rico to provide local and convenient access to NAWDEX facilities. This Directory provides the names of organizations and persons to contact, addresses, telephone numbers, and the various types of data and services available at each location.

SERVICES AVAILABLE

A variety of user services are provided by NAWDEX. These include assistance in identifying and locating needed water data and referring the requester to the organization that retains the data required. A Master Water Data Index is maintained to allow NAWDEX to locate those sites for which desired water data are available, and to provide the identifying information for each site necessary to obtain the data from the organization retaining it. A Water Data Sources Directory is also maintained to identify organizations that are sources of water data and locations within these organizations from which data may be obtained. NAWDEX services are available to any organization or individual.

SERVICE CHARGES

Charges for NAWDEX services are assessed at the option of the organization providing the requested data or data service. Search assistance services are provided free by NAWDEX to the greatest extent possible. Charges are assessed, however, for those requests requiring computer services, extensive personnel time, duplicating services, or service costs accrued by NAWDEX

from other sources in the course of providing services. In all cases, charges assessed by NAWDEX Assistance Centers will not exceed the direct costs incurred in responding to the data request. Estimates of cost are provided by NAWDEX upon request and in all cases where costs are anticipated to be substantial.

ADDITIONAL INFORMATION

The participation of private organizations as NAWDEX Assistance Centers does not imply endorsement by the U.S. Geological Survey of any organization, service, system, or product within the private sector. Rather, the NAWDEX program serves as a public forum for informing its users of data services and products available from all sectors of the water-data community. For additional information concerning the NAWDEX program or its services, contact:

Program Office
National Water Data Exchange (NAWDEX)
U.S. Geological Survey
421 National Center
12201 Sunrise Valley Drive
Reston, Virginia 22092

Telephone: (703) 648-6848

LOCATIONS OF NAWDEX ASSISTANCE CENTERS

ALABAMA

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 520 19th Avenue, Tuscaloosa, AL 35401

TELEPHONE: (205) 752-8104 Central Time

FAX: (205) 731-1071

NAWDEX CONTACT: Will Mooty

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water, Precipitation

Geographical Coverage: State of Alabama

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Computer printout, Published (Printed) reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE, WRSIC

DESCRIPTION OF EQUIPMENT USED: PRIME Model 9955

ALASKA

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 4230 University Drive, Suite 201, Anchorage, AK 99508-4664

TELEPHONE: (907) 786-7100 Alaska Time (Pacific time minus 1 hour)

FAX: (907) 786-7150

NAWDEX CONTACT: Liska Snyder

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: State of Alaska

Media in Which Data Stored: Published, Computer-accessed printouts from WATSTORE, MWDI, GWSI

Types of Media Output: Computer printout, Published (Printed) reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE

DESCRIPTION OF EQUIPMENT USED: Prime 9955 Model II

ADDITIONAL COMPUTER SERVICES OR OTHER INFORMATION PRODUCTS

PROVIDED BY ORGANIZATION: Project Reports (as long as surplus printed copy available)

ARIZONA

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 375 S. Euclid Avenue, Tucson, AZ 85719

TELEPHONE: (602) 670-6120

Mountain Time

FAX: (602) 670-5592

NAWDEX CONTACT: Christopher Smith

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: State of Arizona

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Magnetic tape, Magnetic disk, Computer printout, Published
(Printed) reports, Graphics

MAJOR COMPUTER DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE

DESCRIPTION OF EQUIPMENT USED: PRIME 750, Calcomp Plotter, various interactive
terminals

ARKANSAS

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 700 West Capitol, 2301 Federal Office Building, Little Rock, AR 72201

TELEPHONE: (501) 324-6391

Central Time

FAX: (501) 324-5179

NAWDEX CONTACT: John E. Owen

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water, Precipitation

Geographical Coverage: State of Arkansas

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Computer printout, Published (Printed) reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE,
STORET, ADAPS

DESCRIPTION OF EQUIPMENT USED: PRIME Mini-Computer System and associated
equipment

CALIFORNIA

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: Room 2234 Federal Building, 2800 Cottage Way, Sacramento, CA 95825

TELEPHONE: (916) 978-4643

Pacific Time

FAX: (916) 978-5529

NAWDEX CONTACT: John Bader

CALIFORNIA--Continued

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: State of California

Media in Which Data Stored: Published reports, Computer files

Types of Media Output: Magnetic tape, Computer printout, Published (Printed) reports,
Magnetic disk

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE

DESCRIPTION OF EQUIPMENT USED: PRIME Computer, TAB terminal

* * * *

ORGANIZATION: Earth Science Information Center, U.S. Geological Survey

ADDRESS: Room 3128, Building 3 (MS 533), 345 Middlefield Road, Menlo Park, CA 94025

TELEPHONE: (415) 329-4390 Pacific Time

FAX: (415) 329-5130

NAWDEX CONTACT: Jack Mottram

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: States of Alaska, Arizona, California, Hawaii, Idaho, Nevada,
Oregon, Utah, Washington

Media in Which Data Stored: Hard copy files, Published reports

Types of Media Output: Ad hoc bibliographics

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: PUBMANUS

DESCRIPTION OF EQUIPMENT USED: Video terminal and printer

COLORADO

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: Building 53, Denver Federal Center, Mail Stop 415, Box 25046,

Lakewood, CO 80225

TELEPHONE: (303) 236-4882 Mountain Time

FAX: (303) 236-4912

NAWDEX CONTACT: Vacant

COLORADO--Continued

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: State of Colorado

Media in Which Data Stored: Machine readable, Hard copy files, Microform,
Published reports

Types of Media Output: Magnetic tape, Computer printout, Published (Printed) reports,
Floppy disk

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: WATSTORE, NWIS

DESCRIPTION OF EQUIPMENT USED: PRIME Model 9955

ADDITIONAL COMPUTER SERVICES OR OTHER INFORMATION PRODUCTS

PROVIDED BY ORGANIZATION: Daily Values Hydrographs

CONNECTICUT

ORGANIZATION: U.S. Geological Survey, Water Resources Division

**ADDRESS: Abraham A. Ribicoff Federal Building, 450 Main Street, Room 525,
Hartford, CT 06103**

TELEPHONE: (203) 240-3060 Eastern Time

FAX: (203) 240-3783

NAWDEX CONTACT: Michael Cervione

AVAILABLE DATA FROM ORGANIZATION: Water Resources, Hydrologic Data

Types of Data: Surface Water, Water Quality, Ground Water, Precipitation

Geographical Coverage: State of Connecticut

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Computer printout, Published (Printed) Graphics

**MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE,
STORET, WRSIC**

**DESCRIPTION OF EQUIPMENT USED: Ten WYSE, 6 TAB and 2 Graphon terminals.
One Tektronix Graphics terminal. Seven PC's,
4 Laser printers, numerous line printers. One
Zeta plotter, 1 Hewlett Packard Plotter, and
1 Hitachi CD-Rom Drive. Four Data General
workstations, 1 Server, and 1 Silcon Graphics U5**

DELAWARE

(See U.S. Geological Survey Office in Maryland)

DISTRICT OF COLUMBIA

ORGANIZATION: Earth Science Information Center, U.S. Geological Survey

ADDRESS: 1849 C Street, NW, Room 2650, Washington, DC 20240

TELEPHONE: (202) 208-4047 Eastern Time

FAX: (202) 208-6297

NAWDEX CONTACT: Stephen P. Shivers

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: All States

Media in Which Data Stored: Hard copy files, Published reports

Types of Media Output: Ad hoc bibliographies

FLORIDA

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 227 N. Bronough Street, Suite 3015, Tallahassee, FL 32301

TELEPHONE: (904) 681-7620 Eastern Time

FAX: (904) 681-7650

NAWDEX CONTACT: Linda Geiger

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water, Precipitation,
Meteorological

Geographical Coverage: State of Florida

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Magnetic tape, Magnetic disk, Computer printout,
Published (Printed) reports, Graphics

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE,
STORET

DESCRIPTION OF EQUIPMENT USED: PRIME Model 9955

* * * *

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 9100 NW 36th Street, Suite 106, Miami, FL 33178

TELEPHONE: (305) 594-0655 Eastern Time

FAX: (305) 526-2881

NAWDEX CONTACT: Russell E. Curtis

FLORIDA--Continued

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: Southern Florida

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Computer Printout, Published (Printed) reports, Graphics

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE,
STORET, HISARS, WRSIC

DESCRIPTION OF EQUIPMENT USED: PRIME Model 9955 Model II, Data General
workstations

* * * *

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 224 West Central Parkway, Suite 1006, Altamonte Springs, FL 32714

TELEPHONE: (407) 648-6191 Eastern Time

FAX: (407) 648-6241

NAWDEX CONTACT: Richard Craig

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: North and East Florida

Media in Which Data Stored: Machine readable, Hard copy files

Types of Media Output: Magnetic tape, Magnetic disk, Computer printout,
Published (Printed) reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE,
WRSIC, MIS

DESCRIPTION OF EQUIPMENT USED: PRIME 9955 Model II, IBM-PC/AT, Data General
6220 server, Data General workstations

* * * *

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 4710 Eisenhower Boulevard, Suite B-5, Tampa, FL 33614

TELEPHONE: (813) 228-2124 Eastern Time

FAX: (813) 228-2274

NAWDEX CONTACT: Jack Regar

FLORIDA--Continued

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: West-Central Florida

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Computer printout 3-1/2" and 5-1/4" diskette in

ASCII format, Published (Printed) reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE,
NWIS, (local) QWDATA,
ADAPS

DESCRIPTION OF EQUIPMENT USED: PRIME 9955 Model II, PC/AT - IBM Compatible

GEORGIA

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 3030 Amwiler Road, Suite 130, Peachtree Business Center, Atlanta, GA 30360

TELEPHONE: (404) 986-6860 Eastern Time

FAX: (404) 903-9199

NAWDEX CONTACT: Keith W. McFadden

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: State of Georgia

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Magnetic tape, Computer printout, Published (Printed)

reports, Graphics

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE,
NWIS

DESCRIPTION OF EQUIPMENT USED: PRIME 9955 Model II

HAWAII

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 677 Ala Moana Boulevard, Honolulu, HI 96813-5412

TELEPHONE: (808) 541-2653 Alaska-Hawaii Time

FAX: (808) 551-3611 (Pacific Time minus 2 hours)

NAWDEX CONTACT: Iwao Matsuoka

HAWAII--Continued

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water, Precipitation

Geographical Coverage: Hawaiian Islands, Trust Territory of the Pacific Islands, Guam, American Samoa, and Northern Mariana Islands

Media in Which Data Stored: Machine readable, Published reports

Types of Media Output: Computer printout, Published (Printed) reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE, STORET

DESCRIPTION OF EQUIPMENT USED: PRIME Computer

IDAHO

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 230 Collins Road, Boise, ID 83702

TELEPHONE: (208) 334-1750

Mountain Time

FAX: (208) 334-1272

NAWDEX CONTACT: Luther C. Kjelstrom

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: State of Idaho

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Computer printout, Published (Printed) reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE, STORET

DESCRIPTION OF EQUIPMENT USED: PRIME computer, Tektronix graphics, Calcomp plotter

ILLINOIS

ORGANIZATION: Illinois State Water Survey Division

ADDRESS: 2204 Griffith Drive, Champaign, IL 61820

TELEPHONE: (217) 333-4952

Central Time

FAX: (217) 333-6540

NAWDEX CONTACT: Robert A. Sinclair

ILLINOIS--Continued

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Groundwater, Precipitation,
Meteorological

Geographical Coverage: State of Illinois

Media in Which Data Stored: Machine readable, Hard Copy Files, Microform,
Published reports

Types of Media Output: Magnetic Tape, Magnetic Disk, Computer Printout,
Graphics (IGIS), Floppy Disk

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE,
STORET, Illinois Geographic
Information System (IGIS)

DESCRIPTION OF EQUIPMENT USED: IBM 3081, IBM Personal Computers, and SUN
SPARC Systems on TCP/IP Ethernet Data
Communications Network

* * * *

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: Busey Bank County Plaza, Fourth Floor, 102 East Main Street,
Urbana, IL 61801

TELEPHONE: (217) 398-5595 Central Time

FAX: (217) 398-5534

NAWDEX CONTACT: Gary O. Balding

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water, Water Use

Geographical Coverage: State of Illinois

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Magnetic tape, Magnetic disk, Computer printout,
Published (Printed) reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE,
STORET, NWIS I

DESCRIPTION OF EQUIPMENT USED: PRIME 9955 mini computer with 32 megabytes of
central memory, 3.0 gigabytes of disk storage,
tape drive, line printer, and various PC's, MAC's
and terminals. System is linked to more than 50
others via, USGS, WRD "DIS" network

ADDITIONAL COMPUTER SERVICES OR OTHER INFORMATION PRODUCTS

PROVIDED BY ORGANIZATION: Various statistical and application programs
including GIS

INDIANA

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 5957 Lakeside Boulevard, Indianapolis, IN 46278-1996

TELEPHONE: (317) 290-3333 Eastern Time

FAX: (317) 290-3333

NAWDEX CONTACT: Don Arvin

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: State of Indiana

Media in Which Data Stored: Machine readable, Hard copy files, Published

Types of Media Output: Computer printout, Published (Printed) reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE,
WRSIC

DESCRIPTION OF EQUIPMENT USED: PRIME 9955, Card reader, Line printer, Magnetic
tape 1600/6250 bpi, Data General

IOWA

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: Room 269, Federal Building, 400 South Clinton, Box 1230, Iowa City, IA 52240

TELEPHONE: (319) 337-4191 Central Time

FAX: (319) 354-0510

NAWDEX CONTACT: Joe Gorman

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: State of Iowa

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Computer printout, Published (Printed) reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE

DESCRIPTION OF EQUIPMENT USED: Multi-level work station including a PRIME
computer and micros. 600 and 300 LPM
printer. Communicates with Survey Prime (DIS)
and University of Iowa Prime.

KANSAS

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 4821 Quail Crest Place, Lawrence, KS 66049-3839

TELEPHONE: (913) 832-3501 Central Time

FAX: (913) 832-3500

NAWDEX CONTACT: Claude Geiger

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: State of Kansas

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Machine readable, Hard copy files, Published (Printed) reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE,
STORET

DESCRIPTION OF EQUIPMENT USED: PRIME 9955 Minicomputer System

KENTUCKY

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 2301 Bradley Avenue, Louisville, KY 40217

TELEPHONE: (502) 582-5241 Eastern Time

FAX: (502) 582-5241

NAWDEX CONTACT: Sandy J. Couets or Harry C. Rollins

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: State of Kentucky

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Magnetic tape, Magnetic disk, Computer printout
Published (Printed) reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE

DESCRIPTION OF EQUIPMENT USED: PRIME Minicomputer

LOUISIANA

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 3535 S. Sherwood Forest Boulevard, Suite 120, Baton Rouge, LA 70816

TELEPHONE: (504) 389-0281 Central Time

FAX: (504) 389-0706

NAWDEX CONTACT: Wendy Lovelace

LOUISIANA--Continued

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water, *Precipitation,
*Meteorological (*in office records of NOAA), Geological

Geographical Coverage: State of Louisiana

Media in Which Data Stored: Machine readable as retrieved from NWIS and
WATSTORE, Hard copy files, Microform (some),
Published (Printed) reports, Graphics

Types of Media Output: Magnetic tape, Magnetic disk, Computer printout

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE,
WR SIC, NWIS

DESCRIPTION OF EQUIPMENT USED: PRIME Model 9955

ADDITIONAL COMPUTER SERVICES OR OTHER INFORMATION PRODUCTS
PROVIDED BY ORGANIZATION: Incidental information requests

MAINE

(See U.S. Geological Survey Office in Massachusetts)

MARYLAND

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 208 Carroll Building, 8600 LaSalle Road, Towson, MD 21286

TELEPHONE: (410) 828-1535 Eastern Time

FAX: (410) 828-1538

NAWDEX CONTACT: Robert W. James, Jr. or Lillian B. Maclin

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water, *Precipitation
*Meteorological (*NOAA Publications)

Geographical Coverage: Maryland, Delaware, District of Columbia

Media in Which Data Stored: Hard copy files, Microform, Published reports

Types of Media Output: Magnetic tape, Magnetic disk, Computer printout,
Microfiche, Published (Printed) reports, Graphics,
Punched cards

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE

DESCRIPTION OF EQUIPMENT USED: PRIME 9955 Model II

MASSACHUSETTS

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 28 Lord Road, Suite 280, Marlborough, MA 01752

TELEPHONE: (508) 485-6360 Eastern Time

FAX: (508) 490-5068

NAWDEX CONTACT: Thomas B. Shepard

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: Massachusetts and Rhode Island

Media in Which Data Stored: Hard copy files, Microform, Published reports,
Magnetic tape, Floppy disk, Magnetic disk

Types of Media Output: Computer printout, Microfiche, Published (Printed) reports,
Floppy disk

MAJOR COMPUTERIZED DATA SYSTEM (S) ACCESSED: NAWDEX, NWIS,
WATSTORE

DESCRIPTION OF EQUIPMENT USED: PRIME Model 6350, plus various PC's

MICHIGAN

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 6520 Mercantile Way, Suite 5, Lansing, MI 48911

TELEPHONE: (517) 377-1608 Eastern Time

FAX: (517) 377-1627

NAWDEX CONTACT: Gary C. Huffman or Stephen P. Blumer

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: State of Michigan

Media in Which Data Stored: Machine readable, Published reports

Types of Media Output: Computer Printout, Published (Printed) reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE,
WRSIC

DESCRIPTION OF EQUIPMENT USED: PC's, TAB terminals, Data General workstations

ADDITIONAL COMPUTER SERVICES OR OTHER INFORMATION PRODUCTS

PROVIDED BY ORGANIZATION: Statistical summaries of surface-water data

MINNESOTA

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 2280 Woodale Drive, Mounds View, MN 55112

TELEPHONE: (612) 783-3100 Central Time

FAX: (612) 783-3103

NAWDEX CONTACT: Allan D. Arntson

MINNESOTA--Continued

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: State of Minnesota

Media in Which Data Stored: Hard copy files

Types of Media Output: Computer printout, Published (Printed) reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE,
STORET

DESCRIPTION OF EQUIPMENT USED: PRIME Model 9955

MISSISSIPPI

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: Suite 710, Federal Office Building, 100 West Capitol Street, Jackson, MS 39269

TELEPHONE: (601) 965-4600 Central Time

FAX: (601) 965-5782

NAWDEX CONTACT: Fred Morris, III

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water, Water Use

Geographical Coverage: State of Mississippi

Media in Which Data Stored: Machine readable, Hard copy files, Microform, Published reports, CD-ROM

Types of Media Output: Magnetic tape, Computer printout, Published (Printed) reports, Graphics, 3 (1/2) and 5(1/4) inch diskettes

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE

DESCRIPTION OF EQUIPMENT USED: PRIME, Houston DP-8 plotter, Hewlett Packard 7475 and 7596 plotters, PC/AT compatibles, Data General workstations, Macintosh

MISSOURI

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 1400 Independence Road, Mail Stop 200, Rolla, MO 65401

TELEPHONE: (314) 341-0824 Central Time

FAX: (314) 341-0805

NAWDEX CONTACT: Loyd Waite

MISSOURI--Continued

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: State of Missouri

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Magnetic tape, Computer printout, Published (Printed) reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE

DESCRIPTION OF EQUIPMENT USED: PRIME Model 750

MONTANA

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: Federal Building, Drawer 10076, 301 So. Park Avenue, Helena, MT 59626-0076

TELEPHONE: (406) 449-5263

Mountain Time

FAX: (406) 449-5497

NAWDEX CONTACT: Melvin White

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water, Precipitation

Geographical Coverage: State of Montana and some streamflow sites in the
Canadian Provinces of Alberta and Saskatchewan

Media in Which Data Stored: Hard copy files, Published reports

Types of Media Output: Magnetic disk, Computer printout, Published (Printed) reports,
Magnetic tape

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE

DESCRIPTION OF EQUIPMENT USED: PRIME S2 System, Data General 6000

NEBRASKA

ORGANIZATION: Nebraska Natural Resources Commission

ADDRESS: 301 Centennial Mall South, P.O. Box 94876, Lincoln, NE 68509

TELEPHONE: (402) 471-2081

Central Time

FAX: (402) 471-3132

NAWDEX CONTACT: Mahendra K. Bansal, Head, Data Bank Section, Natural Resources
Information System

NEBRASKA--Continued

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water (streamflow, peakflow), Surface and Ground Water Quality, Ground Water levels, Drinking Water Sampling, Precipitation, Meteorological (climatological), Water Rights, Well Registration, Center Pivots, Agricultural Crops, Demographic, Limited Soil Surveys and Interpretations, Dams Inventory, Hydrological Delineations, Land Use, Canal Diversions, Reservoir Storage, Population Estimates, Decennial Census, and TIGER Line files..

Geographical Coverage: State of Nebraska

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Magnetic tape, Floppy disk, 8 millimeter tape, TK50 and optical isk cartridges. Computer printout, Published (Printed) reports, and computer generated maps

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: WATSTORE, STORET, ESDD
NAWDEX, Nebraska Natural
Resources Information System
(NNRIS)

DESCRIPTION OF EQUIPMENT USED: DEC 5000/240 File Server, DEC 3100's work-stations, DEC server, LP37-VA line printer, CD-ROM, optical disk drive, Tangent and Howtek scanner and Kurta digitizer. CNX500 Proteon Bridge, IBM 3777/Model 1, various IBM compatible PC's and Calcomp 5800 series color electrostatic plotter, Hewlett Packard 7586B Pen Plotter. The Data Bank is linked to the University of Nebraska, and the State-house Computer Systems through ETHERNET LAN and wide area networks

ADDITIONAL COMPUTER SERVICES OR OTHER INFORMATION PRODUCTS

PROVIDED BY ORGANIZATION: Direct data access facility through Electronic Bulletin Board is available to all users. GIS processing of data using ARC/INFO and GRASS GIS software applications. Users are required to establish a computer account with the NRC Data Bank. Copies of the Users Manual, Information Guide, and Data Access Manual are available on request

NEBRASKA--Continued

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: Room 406, Federal Building & U.S. Courthouse, 100 Centennial Mall
North, Lincoln, NE 68508

TELEPHONE: (402) 437-5082

Central Time

FAX: (402) 437-5139

NAWDEX CONTACT: Glen Engel

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: State of Nebraska

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Magnetic tape, Computer printout, Published (Printed) reports,
Graphics, (modern available for access if approved by
District Chief)

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE,
Local System

DESCRIPTION OF EQUIPMENT USED: Calcomp 1044GT plotter, PRIME 9955, 3 600 MB
Disk, 1600/6250 BPI tape drive, 450 LPM printer,
28 terminals, Mitron, 3 laser printers, Altek
digitizer, 3 color graphics terminals and low
resolution color graphics printers, COMPAQ 386/20
PC. 16 Data General workstations, 2 QIC tape
drives (150 mb), 2 postscript laser printers

NEVADA

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: Room 203, 333 West Nye Lane, Carson City, NV 89706

Telephone: (702) 887-7600

Pacific Time

FAX: (702) 887-7629

NAWDEX CONTACT: M. Teresa Foglesong

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water, Water Use, various GIS
Themes

Geographical Coverage: State of Nevada

Media in Which Data Stored: Machine readable, Published reports

Types of Media Output: Magnetic disk (floppy), Magnetic tape, Computer printout,
Published (Printed) reports, Graphics

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE,
NWIS

DESCRIPTION OF EQUIPMENT USED: PRIME Computer, Data General workstations

NEW HAMPSHIRE

(See U.S. Geological Survey Office in Massachusetts)

NEW JERSEY

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: Mountain View Office Park, 810 Bear Tavern Road, Suite 206,
West Trenton, NJ 08628

TELEPHONE: (609) 771-3900 Eastern Time

FAX: (609) 771-3915

NAWDEX CONTACT: Deloris W. Speight

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: State of New Jersey

Media in Which Data Stored: Machine readable, Hard copy files, Microform,
Published reports, Computer disk files

Types of Media Output: Magnetic tape, Magnetic disk, Computer printout,
Microfiche, Published (Printed) reports, Graphics

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WRSIC, NWIS,
GIS

DESCRIPTION OF EQUIPMENT USED: PRIME 9955, Data General, PC's

NEW MEXICO

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 4501 Indian School Road, NE, Suite 200, Albuquerque, NM 87110-3929

TELEPHONE: (505) 262-5300 Mountain Time

FAX: (505) 262-5398

NAWDEX CONTACT: Jim C. Schafer

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water, Precipitation,
Meteorological

Geographical Coverage: New Mexico and surrounding States

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Magnetic tape, Computer printout, Published (Printed)
reports, Graphics

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE

DESCRIPTION OF EQUIPMENT USED: PRIME Minicomputer with tape drive no card
punch

NEW YORK

ORGANIZATION: New York State Geological Survey

ADDRESS: Room 3136 CEC, Albany, NY 12230

TELEPHONE: (518) 474-5816 Eastern Time

FAX: (518) 473-8496

NAWDEX CONTACT: Robert H. Fickies

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Bedrock geology, surficial geology, air photo and satellite imagery,
petroleum well records, surface water, ground water

Geographical Coverage: New York State

Media in Which Data Stored: Published and unpublished maps and reports, Machine
readable, Hard copy files

Types of Media Output: Published and unpublished reports and maps, Floppy disk,
Computer printout

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NYGEODEX, NAWDEX,
WATSTORE, ESDD

DESCRIPTION OF EQUIPMENT USED: IBM 386

ADDITIONAL COMPUTER SERVICES OR OTHER INFORMATION PRODUCTS

PROVIDED BY ORGANIZATION: Bedrock core library, ditch sample library, Publications
list available upon request

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ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 445 Broadway, Room 343, P.O. Box 1669, Albany, NY 12201

TELEPHONE: (518) 472-3109 Eastern Time

FAX: (518) 472-2805

NAWDEX CONTACT: Lloyd A. Wagner

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: State of New York

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Magnetic tape

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE

DESCRIPTION OF EQUIPMENT USED: PRIME Model 6350

NEW YORK--Continued

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 5 Aerial Way, Syosset, NY 11791

TELEPHONE: (516) 938-8830

Eastern Time

FAX: (516) 938-8837

NAWDEX CONTACT: George W. Hawkins

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water, Precipitation

Geographical Coverage: Long Island

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Magnetic tape, Magnetic disk, Computer printout,
Published (Printed) reports, Graphics

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE,
NWIS

DESCRIPTION OF EQUIPMENT USED: PRIME 9955 Model II

NORTH CAROLINA

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 3916 Sunset Ridge Road, Raleigh, NC 27607

TELEPHONE: (919) 571-4014

Eastern Time

FAX: (919) 571-4041

NAWDEX CONTACT: Pamilee L. Breton

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water, Precipitation (limited)

Geographical Coverage: State of North Carolina

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Magnetic tape, Magnetic disk, Computer printout,
Published (Printed) reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: USGS NC District Computer
File, NAWDEX, WATSTORE,

DESCRIPTION OF EQUIPMENT USED: Batch and Interactive Terminals, PRIME
Model 9955, Data General workstations and
dual processing server on Wide Area Network and
Internet

ADDITIONAL COMPUTER SERVICES OR OTHER INFORMATION PRODUCTS

PROVIDED BY ORGANIZATION: Flood-Prone Maps

NORTH DAKOTA

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 821 East Interstate Avenue, Bismarck, ND 58501

TELEPHONE: (701) 250-4604 Central Time

FAX: (701) 250-4252

NAWDEX CONTACT: Russell E. Harkness

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: State of North Dakota

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Floppy disk (3 1/2 and 5 1/4 inch), Computer Printout,
Published (Printed) reports, Graphics

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE

DESCRIPTION OF EQUIPMENT USED: PRIME Model 9955 and Data General Aviion 300

OHIO

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 975 West Third Avenue, Columbus, OH 43212

TELEPHONE: (614) 469-5553 Eastern Time

FAX: (614) 469-5626

NAWDEX CONTACT: Ann E. Arnett

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water, Precipi (Limited),
GWSI, Peak, Water Level, Basin Characteristics, Water Use

Geographical Coverage: State of Ohio

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Computer printout, Published (Printed) reports, Magnetic
media

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE

DESCRIPTION OF EQUIPMENT USED: Hewlett Packard 9845, PRIME Model 9955,
IBM PC compatible, Apple-Macintosh, Data
General Aviion (UNIX)

ADDITIONAL COMPUTER SERVICES OR OTHER INFORMATION PRODUCTS

PROVIDED BY ORGANIZATION: Ohio Flood-Prone Area Maps

OKLAHOMA

ORGANIZATION: U.S. Geological Survey, Water Resources Division
ADDRESS: Broadway Executive Park, Building 7, 202 N.W. 66th, Oklahoma City, OK 73116
TELEPHONE: (405) 231-4256 Central Time
FAX: (405) 231-5079
NAWDEX CONTACT: John S. Havens
AVAILABLE DATA FROM ORGANIZATION:
Types of Data: Surface Water, Water Quality, Ground Water, Precipitation
(Miscellaneous)
Geographical Coverage: State of Oklahoma
Media in Which Data Stored: Hard copy files, Published reports, Disk, Tape
Types of Media Output: Computer printout, Published (Printed) reports, Magnetic
tape, Floppy disk
MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, NWIS, STORET
WATSTORE, WRSIC
DESCRIPTION OF EQUIPMENT USED: PRIME Model 9955

OREGON

ORGANIZATION: U.S. Geological Survey, Water Resources Division
ADDRESS: 10615 S.E. Cherry Blossom Drive, Portland, OR 97216
TELEPHONE: (503) 251-3201 Pacific Time
FAX: (503) 231-2011
NAWDEX CONTACT: Suzanne J. Miller
AVAILABLE DATA FROM ORGANIZATION:
Types of Data: Surface Water, Water Quality, Ground Water
Geographical Coverage: State of Oregon
Media in Which Data Stored: Machine readable, Hard copy files, Microform, Published
reports
Types of Media Output: Computer printout, Published (Printed) reports
MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE
DESCRIPTION OF EQUIPMENT USED: PRIME Model 9955

PENNSYLVANIA

ORGANIZATION: U.S. Geological Survey, Water Resources Division
ADDRESS: 840 Market Street, Lemoyne, PA 17043
TELEPHONE: (717) 730-6916 Eastern Time
FAX: (717) 730-6997
NAWDEX CONTACT: Robert Helm

PENNSYLVANIA--Continued

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water, Flood-prone Area Maps
Limited Publications

Geographical Coverage: State of Pennsylvania

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Magnetic tape, Floppy disk, Computer printout,
Published (Printed) reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: ADAPS, QWDATA, GWSI,
WATSTORE

DESCRIPTION OF EQUIPMENT USED: PRIME Model 9955, IBM-compatible
microcomputer, Data General workstations

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ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: Great Valley Corporate Center, 111 Great Valley Parkway, Malvern, PA 19355

TELEPHONE: (215) 647-9008 Eastern Time

FAX: (215) 647-4594

NAWDEX CONTACT: Cynthia L. Gilliam

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water, Precipitation

Geographical Coverage: Delaware River Basin

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Computer printout, Published (Printed) reports, Diskette

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE,
NWIS, GWSI

DESCRIPTION OF EQUIPMENT USED: One CPT 8000, 1 CPT 9000 - PC, Dell 200 PC
AT, IBM XT Graphon 140, 1 Algek digitizer with
HP Plotter, Envirolab tape reader, 6 Zenith Lap Top
PC's, 24 Klandar Telemetry Platforms,
62 Synergetic Telemetry Platforms, 19 Pressure
Sensors, PRIME terminals, Data General
workstations

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ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: Room 2204, Moorhead Federal Building, 1000 Liberty Avenue,
Pittsburgh, PA 15222

TELEPHONE: (412) 644-2864 Eastern Time

FAX: (717) 730-6997

NAWDEX CONTACT: Greg Wehner

PENNSYLVANIA--Continued

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: Western Pennsylvania

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Computer printout, Published (Printed) reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE

DESCRIPTION OF EQUIPMENT USED: TAB 132/15 terminal, Centronics printer, Hewlett Packard 7475A plotter, Hewlett Packard 7570A Draftpro Plotter, Sun 4/110 microcomputers, IBM-compatible microcomputers, Hewlett Packard Laser printers, Postscript printers, Data General workstations

PUERTO RICO (includes Virgin Islands)

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: P.O. Box 364424, San Juan, PR 00936-4424

TELEPHONE: (809) 749-4346 Atlantic Time

FAX: (809) 749-4462

NAWDEX CONTACT: Teresa Dopazo or Vicki Sanchez

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water, Meteorological

Geographical Coverage: Puerto Rico and the U.S. Virgin Islands

Media in Which Data Stored: Machine readable, Hard copy files, Published (Printed) reports

Types of Media Output: Magnetic tape, Computer printout, Published (Printed) reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE, Inhouse

DESCRIPTION OF EQUIPMENT USED: PRIME 9955 Model II, IBM Personal computers, Data General workstations

RHODE ISLAND

(See U.S. Geological Survey Office in Massachusetts)

SOUTH CAROLINA

ORGANIZATION: South Carolina Water Resources Commission

ADDRESS: 1201 Main Street, Suite 1100 Capital Center, Columbia, SC 29201

TELEPHONE: (803) 737-0800 Eastern Time

FAX: (803) 765-9080

NAWDEX CONTACT: Rick Wrigley, Computer Systems Manager

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Water Quality, Ground Water, Water Use Data, Weather Data

Geographical Coverage: State of South Carolina

Media in Which Data Stored: Hard copy files, Published, Computer files

Types of Media Output: Published (Printed), Computer generated reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: SAS, DBASE, ARC/INFO

DESCRIPTION OF EQUIPMENT USED: IBM PC's/AT, modem-dial-up capability,
VAX 8350, Micro VAX, VAX 3500, VAX 4000

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ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: Stephenson Center, Suite 129, 720 Gracern Road, Columbia, SC 29210-7651

TELEPHONE:

Commercial: (803) 750-6100 Eastern Time

FAX: (803) 750-6181

NAWDEX CONTACT: David E. Bower

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: State of South Carolina

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Computer printout, Published (Printed) reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: WATSTORE, NAWDEX

DESCRIPTION OF EQUIPMENT USED: PRIME Computer

SOUTH DAKOTA

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 1608 Mountain View, Rapid City, SD 57702

TELEPHONE: (605) 394-1780 Mountain Time

FAX: (605) 394-5373

NAWDEX CONTACT: Ralph W. Teller

SOUTH DAKOTA--Continued

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: State of South Dakota

Media in Which Data Stored: Machine readable, Hard copy files, Microform,
Published reports

Types of Media Output: Computer printout, Published (Printed) reports, Graphics

**MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE,
STORET**

**DESCRIPTION OF EQUIPMENT USED: PRIME Model 9955 II and Data General Aviiion
300, 530**

TENNESSEE

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 810 Broadway, Suite 500, Nashville, TN 37203

TELEPHONE: (615) 736-5424 Central Time

FAX: (615) 736-2066

NAWDEX CONTACT: Donna F. Flohr

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water, Precipitation

Geographical Coverage: State of Tennessee

Media in Which Data Stored: Machine readable, Hard copy files, Microform,
Published reports

Types of Media Output: Computer printout, Published (Printed) reports, Tape,
Floppy disk

**MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE,
STORET, WRSIC**

**DESCRIPTION OF EQUIPMENT USED: PRIME 9955 Model II, Hewlett-Packard 7585B
plotter, Numonics Digitizer, IBM compatible PC's**

TEXAS

ORGANIZATION: Texas Natural Resources Information System

ADDRESS: P. O. Box 13231, Austin, TX 78711-3231

TELEPHONE: (512) 463-8402 Central Time

FAX: (512) 475-2053

NAWDEX CONTACT: Dr. Charles Palmer

TEXAS--Continued

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water, Precipitation,
Meteorological

Geographical Coverage: State of Texas

Media in Which Data Stored: Machine readable, Hard copy files, Microform,
Published reports

Types of Media Output: Magnetic tape, Computer printout, Microfiche,
Published (Printed) reports, Graphics

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NWIS-II

DESCRIPTION OF EQUIPMENT USED: Univac 1100/62 computer, Disk, 6250 BPI tapes

UTAH

ORGANIZATION: Center for Water Resources Research

ADDRESS: Utah State University, UMC-82, Logan, UT 84322

TELEPHONE: (801) 750-3155 or 3172 Mountain Time

FAX: (801) 750-3663

NAWDEX CONTACT: David G. Tarboton

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water, Precipitation,
Meteorological

Geographical Coverage: State of Utah (Northern)

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Magnetic disk, Computer printout, Published (Printed) reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: STORET

DESCRIPTION OF EQUIPMENT USED: Vax 8650, PC's

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ORGANIZATION Utah Division of Water Rights

ADDRESS: Room 223, 1636 West North Temple, Salt Lake City, UT 84116

TELEPHONE: (801) 538-7392 Mountain Time

FAX: (501) 538-7315

NAWDEX CONTACT: William Smart

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Ground Water, Water Rights, Well Logs

Geographical Coverage: State of Utah

Media in Which Data Stored: Hard copy files, Microform, Published reports

Types of Media Output: Magnetic tape, Magnetic disk, Computer printout, Graphics

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE

DESCRIPTION OF EQUIPMENT USED: Hewlett-Packard 3000 Series 947LX computer

UTAH--Continued

ORGANIZATION: U.S., Bureau of Land Management, Fish and Wildlife Department
ADDRESS: Aquatic Ecosystem Monitoring Center, Fish and Wildlife Department, Utah State
University, Logan, UT 84322-5210

Telephone: (801) 750-2038 Mountain Time

FAX: (801) 750-3798

NAWDEX CONTACT: Mark Vinson

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Precipitation, Aquatic Invertebrate data

Geographical Coverage: Western United States

Media in Which Data Stored: Published reports, Computer-accessed printouts

Types of Media Output: Magnetic disk, Computer printout, Published reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, STORET,
WATSTORE

DESCRIPTION OF EQUIPMENT USED: Personal computers

* * * *

ORGANIZATION: U.S. Geological Survey, Water Resources Division
ADDRESS: Room 1016, Administration Building, 1745 West 1700 South,
Salt Lake City, UT 84104

TELEPHONE: (801) 975-3350 Mountain Time

FAX: (801) 588-5617

NAWDEX CONTACT: Julane Mulder

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: State of Utah

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Magnetic tape, Computer printout, Published (Printed) reports,
Graphics, Floppy disk

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE

DESCRIPTION OF EQUIPMENT USED: PRIME 9955 Model II minicomputer,
800/1600/6250 BPI tape drives, Zeta 924/936
Plotter, Data General Aviiion 386SX

* * * *

ORGANIZATION: Earth Science Information Center, U.S. Geological Survey
ADDRESS: 8105 Federal Building, 125 South State Street, Salt Lake City, UT 84138

TELEPHONE: (801) 524-5652 Mountain Time

FAX: (801) 524-6500

NAWDEX CONTACT: Wendy Hassibe, Supervisor

UTAH--Continued

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: States of Arizona, Colorado, Idaho, Montana, Nevada,
New Mexico, Utah, Wyoming

Media in Which Data Stored: Hard copy files, Published reports

Types of Media Output: Ad hoc bibliographics

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: *OCLC, *AGI, (*CD-ROM
versions)

DESCRIPTION OF EQUIPMENT USED: IBM PC's, 386 class

VERMONT

(See U.S. Geological Survey Office in Massachusetts)

VIRGINIA

ORGANIZATION: Virginia Water Resources Research Center

ADDRESS: Virginia Polytechnic Institute and State University, 617 North Main Street,
Blacksburg, VA 24060

TELEPHONE: (703) 231-8033 Eastern Time

FAX: (703) 231-6673

NAWDEX CONTACT: T. W. Johnson

AVAILABLE DATA FROM ORGANIZATION: Streamflow, Climatic, and Peakflow

Types of Data: Surface Water, Precipitation, Meteorological

Geographical Coverage: Nationwide

Media in Which Data Stored: Machine readable, CD-ROM

Types of Media Output: Computer printout, 5.25 or 3.5 inch floppy disk

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: SWRA

DESCRIPTION OF EQUIPMENT USED: IBM PC/AT and compatibles

* * * *

ORGANIZATION U.S. Geological Survey, Water Resources Division

ADDRESS: 3600 West Broad Street, Room 606, Richmond, VA 23230

TELEPHONE: (804) 771-2427 Eastern Time

FAX: (804) 358-0476

NAWDEX CONTACT: Byron J. Prugh, Jr.

VIRGINIA--Continued

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: State of Virginia

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Magnetic tape, Computer printout

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE

DESCRIPTION OF EQUIPMENT USED: PRIME Model 9955

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ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: National Water Data Exchange, 421 National Center, Reston, VA 22092

TELEPHONE: (703) 648-5663

Eastern Time

FAX: (703) 648-5704

NAWDEX CONTACT: Carol Lewis

AVAILABLE DATA FROM ORGANIZATION: Index information about the availability of surface water, water quality, ground water, meteorological/precipitation data, sediment data, water use data, areal investigations, and other water-resources investigations and related data. Some data retrieval services are available

Geographical Coverage: National

Media in Which Data Stored: Machine readable, Hard copy files, Microform,
Published reports, Ad hoc computer reports

Types of Media Output: Magnetic tape, Computer printout, Microfiche,
Published (Printed) reports, Graphics, Statistical analysis, Plots

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE,
WRSIC, STORET, ESIN,
NEDRES, ESDD

DESCRIPTION OF EQUIPMENT USED: AMDAHL 470 V/7 computer and associated
hardware, MICRO and PRIME mini-computers, Data
General workstations and Personal computers

VIRGINIA--Continued

ADDITIONAL COMPUTER SERVICES OR OTHER INFORMATION PRODUCTS

PROVIDED BY ORGANIZATION: All NAWDEX documents, direct access by users to the NAWDEX, WATSTORE, and STORET data bases, Data Search Assistance, and specific information products: Water Data Sources Directory, Summary of Indexed Water Data, Catalog and Indexes of Water-Data Acquisition Activities. Bibliographic searches on USGS Earth Science Information Network (ESIN), National Environmental Data Referral Service (NEDRES), and CSIN, a software package providing hookup and searching strategies to a large number of commercial on-line data bases.

* * * *

ORGANIZATION: Earth Science Information Center, U.S. Geological Survey

ADDRESS: 507 National Center, Room 1C402, Reston, VA 22092

TELEPHONE: (703) 648-6045 Eastern Time

FAX: (703) 648-5548

NAWDEX CONTACT: Information Services

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: All States

Media in Which Data Stored: Hard copy files, Published reports

Types of Media Output: Computer printout, Ad hoc bibliographics copies of published reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: USGS Library, GNIS, ESDD, DCDB, CC, MCIS, APSRS

DESCRIPTION OF EQUIPMENT USED: Video terminal and letter-quality printer

WASHINGTON

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: Suite 600, Pacific Northwest Area, Washington District, 1201 Pacific Avenue, Tacoma, WA 98402

TELEPHONE: (206) 593-6510 Pacific Time

FAX: (206) 593-6510

NAWDEX CONTACT: Luis A. Fuste

WASHINGTON--Continued

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: State of Washington

Media in Which Data Stored: Hard copy files, Published reports

Types of Media Output: Magnetic tape, Floppy disk, Computer printout, Published
(Printed) reports

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: WATSTORE, ADAPS, NWIS

DESCRIPTION OF EQUIPMENT USED: PRIME Model 6350

* * * *

ORGANIZATION: Earth Science Information Center, U.S. Geological Survey

ADDRESS: 135 U.S. Post Office, West 920 Riverside Avenue, Spokane, WA 99201

TELEPHONE: (509) 353-2524 Pacific Time

FAX: (509) 353-2872

NAWDEX CONTACT: Thomas L. Servatius

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: States of Alaska (selected), Idaho, Montana, Oregon,
Washington

Media in Which Data Stored: Hard copy files, Published reports

Types of Media Output: Ad hoc bibliographics

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: OCLC CD-ROM, Publications
of the USGS CD-ROM, State
Water-Data Reports, 1987
Water Year CD-ROM

WEST VIRGINIA

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 603 Morris Street, Charlestown, WV 25301

TELEPHONE: (304) 347-5130, 5132 Eastern Time

FAX: (304) 347-5133

NAWDEX CONTACT: Elizabeth Hanna

WEST VIRGINIA--Continued

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water, Precipitation,
Meteorological Water-use

Geographical Coverage: State of West Virginia

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: *Magnetic tape (*Shipped from Reston Computer Center),
Computer printout, Published (Printed) reports, Diskettes

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE,
NWIS

DESCRIPTION OF EQUIPMENT USED: PRIME Computer (DMDTWS Towson, MD) Data
General workstations, IBM Personal computers

ADDITIONAL COMPUTER SERVICES OR OTHER INFORMATION PRODUCTS

PROVIDED BY ORGANIZATION: Programming Assistance, Data Base Technical
Assistance

WISCONSIN

ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 6417 Normandy Lane, Madison, WI 53719

TELEPHONE: (608) 274-3535 Central Time

FAX: (608) 276-3817

NAWDEX CONTACT: Robert Bodoh

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: State of Wisconsin

Media in Which Data Stored: Machine readable, Hard copy files, Published reports

Types of Media Output: Magnetic tape, Computer printout, Published (Printed) reports,
Graphics

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE

DESCRIPTION OF EQUIPMENT USED: CalComp 1039 plotter, PRIME Model 9955,
Data General workstations

WYOMING

ORGANIZATION Wyoming Water Research Center

ADDRESS: Wyoming University, Post Office Box 3067, University Station,
Laramie, WY 82071

TELEPHONE: (307) 766-2143

Mountain Time

FAX: (307) 766-3718

NAWDEX CONTACT: Barry Lawrence

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water Quality, Climatological, Water Quality (ground and surface waters), Well Water Levels, Snow Surveys and Wyoming Water Bibliography

Geographical Coverage: State of Wyoming, Western U.S. (partial)

Media in Which Data Stored: Digital format on a variety of media, Published reports
Hard copy files

Types of Media Output: Computer printout, Floppy disk, Magnetic tape, Microfiche, Plots,
35 millimeter slides. Data may be transferred via Bitnet or Internet

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: CFS, ESDD, FRDS,
NAWDEX, STORET,
WATSTORE

DESCRIPTION OF EQUIPMENT USED: Digital Vax 8800, Sun Sparc Workstation, 24 IBM compatible microcomputers, graphics terminals, 8 LaserJet printers, 14 dot matrix printers, 2 digitizers (Calcomp, Kurta), Houston Instruments color plotter, Color Com-Recorder, 6250/1600 bpi tape drives. Hardware connected via LAN and University of Wyoming campus network.

ADDITIONAL COMPUTER SERVICES OR OTHER INFORMATION PRODUCTS

PROVIDED BY ORGANIZATION: Numerous supplemental data sources are available and include: computer access to alternate systems, cooperative data sharing agreements with Federal/State agencies, compact data discs with a variety of hydrologic data sets, and a comprehensive water library

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ORGANIZATION: U.S. Geological Survey, Water Resources Division

ADDRESS: 2617 East Lincolnway, Suite B, Cheyenne, WY 82001

TELEPHONE: (307) 772-2153

Mountain Time

FAX: (307) 772-2156

NAWDEX CONTACT: Sharon L. Green

WYOMING--Continued

AVAILABLE DATA FROM ORGANIZATION:

Types of Data: Surface Water, Water Quality, Ground Water

Geographical Coverage: State of Wyoming

Media in Which Data Stored: Hard copy files, Magnetic disk

Types of Media Output: Magnetic tape, Magnetic disk, Computer printout, Published
(Printed) reports, Graphics

MAJOR COMPUTERIZED DATA SYSTEM(S) ACCESSED: NAWDEX, WATSTORE

DESCRIPTION OF EQUIPMENT USED: PRIME 9955 MODEL B

ADDITIONAL COMPUTER SERVICES OR OTHER INFORMATION PRODUCTS

**PROVIDED BY ORGANIZATION: Daily Values Tables, Statistical Summaries,
Hydrographs**

APPENDIX

LIST OF ACRONYMS AND ABBREVIATIONS

The following acronyms and abbreviations are used throughout this report to avoid unnecessary repetition in listing the data bases accessed by the various NAWDEX Assistance Centers, and in referring to the agencies who maintain these data bases.

ADAPS - Automated Data Acquisition and Processing System.

AGI - American Geological Institute.

APSRS - Aerial Photography Summary Record System.

CC - Cartographic Catalog.

CSIN - Computer Systems Information Network.

DIS - Distributed Information System.

ESDD - Earth Science Data Directory.

ESIN - Earth Science Information Network.

FRDS - Federal Reporting Data System.

GIS - Geographic Information Systems.

GNIS - Geographic Names Information System.

GWSI - Ground Water Site Inventory File. Maintained by U.S. Geological Survey, Water Resources Division.

HISARS - Hydrologic Information Storage and Retrieval System. A program for storing and retrieving streamflow and peak flow data, and weather information (precipitation).

IDB - Integrated Data Base. Maintained by Council on Environmental Quality.

IGIS - Illinois Geographic Information System.

LANDSAT - Land Satellite Data.

MCIS - Map and Chart Information System.

MWDI - Master Water Data Index. An index of water data sites maintained by the National Water Data Exchange, U.S. Geological Survey.

MIS - Management Information System. Data base maintained by the Operations Section, Water Resources Division, U.S. Geological Survey.

NAWDEX - National Water Data Exchange.

NEDRES - National Environmental Data Referral Service.

NNRIS - Nebraska Natural Resources Information System. A computerized information system (Data Bank) maintained by the Nebraska Natural Resources Commission.

NOAA - National Oceanic and Atmospheric Administration.

NWIS - National Water information System.

NYGEODEX - New York Geologic Data Exchange.

OCLC - Online Computer Library Center.

PUBMANUS - Computerized bibliographic file of published reports and thematic maps of the U.S. Geological Survey.

QWDATA - Quality of Water Data.

SAROAD - Storage and Retrieval of Aerometric Data. A U.S. Environmental Protection Agency computerized data base.

STORET - Storage and Retrieval System. A computerized water quality data base maintained by the U.S. Environmental Protection Agency.

SWRA- Selected Water Resources Abstracts.

TNRIS - Texas Natural Resources Information System. A centralized computer facility which handles storage, retrieval, processing, analysis and presentation of natural resources data and information for the State of Texas.

USGS - U.S. Geological Survey.

WATS - Wide-area Telecommunications Service (American Telephone and Telegraph Company contract billing system).

WATSTORE - National Water Data Storage and Retrieval System. A large-scale computer system developed by the U.S. Geological Survey for the storage and retrieval of water data.

WDROP - Water Drop. A U.S. Environmental Protection Agency computerized data file.

WDSD - Water Data Sources Directory. A computerized data base maintained by the National Water Data Exchange which lists organizations which are sources of water data and water-related data.

WRSIC - Water Resources Scientific Information Center, Office of Water Research and Technology. This office produces the Selected Water Resources Abstracts Journal.