

***nawdex***

**NATIONAL WATER DATA EXCHANGE**

**DEFINITIONS OF DATABASE FILES  
AND FIELDS OF THE PERSONAL  
COMPUTER-BASED WATER DATA  
SOURCES DIRECTORY**



**U.S. Geological Survey  
Open-File Report 91-184**

# **Definitions of Database Files and Fields of the Personal Computer-Based Water Data Sources Directory**

**By J. Wayne Green**



**U.S. Geological Survey  
Open-File Report 91-184  
(Supersedes Open-File Report 82-923)**

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**U.S. GEOLOGICAL SURVEY  
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## **PREFACE**

The National Water Data Exchange (NAWDEX) is an interagency program to facilitate the exchange of water data and promote the standardization of water-data-handling procedures. Participants in the NAWDEX program consist of federal, state, and local governmental organizations, and private organizations that collect and use water data.

NAWDEX maintains a Water Data Sources Directory (WDSD) which is a computerized index of water resources organizations. The original WDSD was a heirarchical database on the U.S. Geological Survey (USGS) mainframe computer. The WDSD was converted from a hierarchical design to a relational database design for the personal computer. The report describes the personal computer version. It describes the database files and fields of the new relational database design in dBASE IV<sup>1</sup> for the personal computer.

This document is a revision of U.S Geological Survey Open File Report 82-923, "Definitions of the Components of the Water Data Sources Directory Maintained by the National Water Data Exchange," by Melvin D. Edwards. Open-File Report 82-923 describes the WDSD on the USGS mainframe computer.

The Directory provides answers to the following questions: What kinds of water data are available? Who has the data? Where can the data be obtained?

This document defines the database files and fields contained in the (WDSD); it is referred to as the "dictionary." Its purpose is to describe, in detail, the information in the WDSD.

Inquiries related to the dictionary may be directed to:

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

Telephone: 703-648-5684  
FTS 959-5684

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<sup>1</sup>Use of brand names in this paper is for identification purposes only and does not constitute endorsement by the U.S. Geological Survey.

# **DEFINITIONS OF DATABASE FILES AND FIELDS OF THE PERSONAL COMPUTER-BASED WATER DATA SOURCES DIRECTORY**

**By J. Wayne Green**

## **ABSTRACT**

This report describes the database files and fields of the personal computer-based Water Data Sources Directory (WDSD). The personal computer-based WDSD was derived from the U.S. Geological Survey (USGS) mainframe computer version. The mainframe version of the WDSD is a hierarchical database design. The personal computer-based WDSD is a relational database design. This report describes the database files and fields of the relational database design in dBASE IV for the personal computer.

The WDSD contains information on (1) the type of organization, (2) the major orientation of water-data activities conducted by each organization, (3) the names, addresses, and telephone numbers of offices within each organization from which water data may be obtained, (4) the types of data held by each organization and the geographic locations within which these data have been collected, (5) alternative sources of an organization's data, (6) the designation of liaison personnel in matters related to water-data acquisition and indexing, (7) the volume of water data indexed for the organization, and (8) information about other types of data and services available from the organization that are pertinent to water-resource activities.

This document contains a definition and description of each database file and field of the WDSD database system. It will help users to update and retrieve data from the database.

## INTRODUCTION

### Background

The personal computer-based Water Data Sources Directory (WDSD) is a relational database developed and maintained by the National Water Data Exchange (NAWDEX) Program Office. It contains information about organizations that collect, store, and disseminate water data and water-related data.

The personal computer-based WDSD was derived from the U.S. Geological Survey (USGS) mainframe computer version. The mainframe version of the WDSD is a hierarchical database design. The personal computer-based WDSD is relational database design. This report describes the database files and fields of the new relational database design in dBASE IV for the personal computer. Data from the mainframe computer were appended to dBASE IV for a personal computer.

The WDSD was redesigned to make the data more accessible to the user and to decrease the costs of using the mainframe computer.

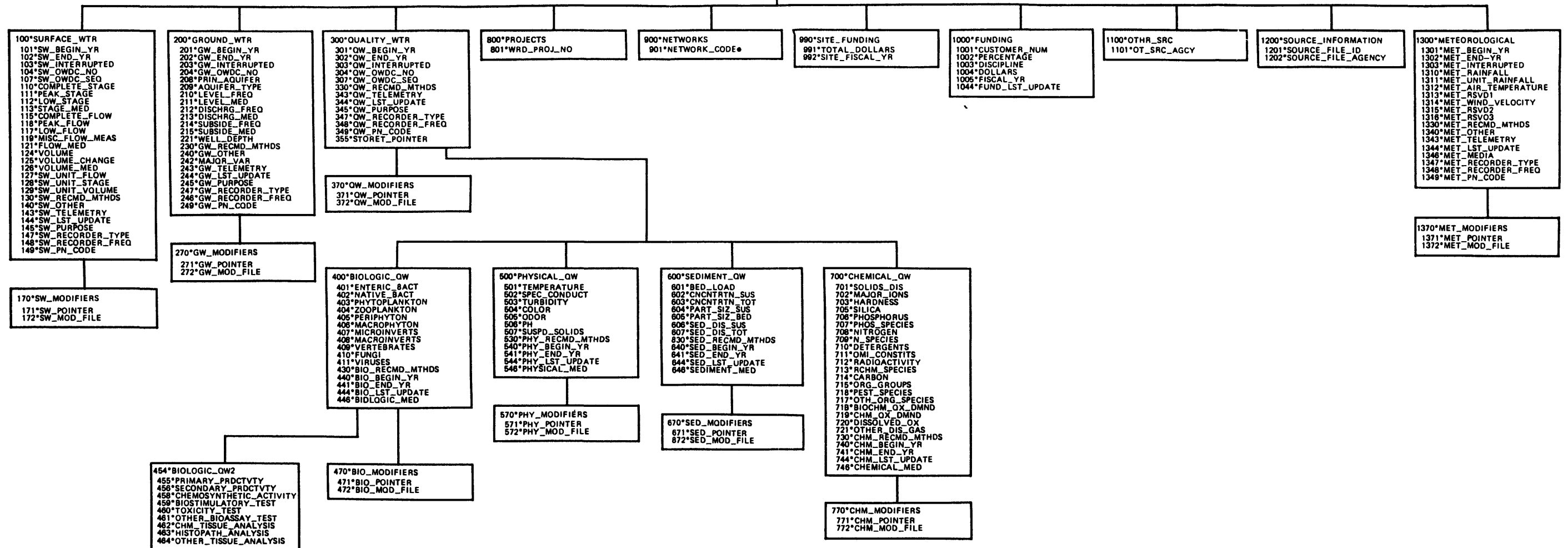
The WDSD contains information on (1) the type of each organization, (2) the major orientation of water-data activities conducted by each organization, (3) the names, addresses, and telephone numbers of offices within each organization from which water data may be obtained, (4) the types of data held by each organization and the geographic locations within which these data have been collected, (5) alternative sources of an organization's data, (6) the designation of liaison personnel in matters related to water-data acquisition and indexing, (7) the volume of water data indexed for the organization, and (8) information about other types of data and services available from the organization that are pertinent to water-resource activities.

The WDSD is designed to be used independently or in conjunction with the Master Water Data Index (MWDI). A few components in the MWDI are common to fields in the WDSD thereby cross-referencing retrieved information between the two databases. For example, a retrieval may be made from the MWDI to identify all sites within a geographic area of interest. A retrieval can then be made from the WDSD to determine the addresses from which data may be obtained from organizations operating the identified sites. The hierarchical structure and content of the MWDI appear in figure 1.



# MASTER WATER DATA INDEX

0\*WATERDATA.SITE  
 1\*NAWDEX\_ID●  
 2\*LATITUDE  
 3\*LONGITUDE  
 4\*NAWDEX\_AGCY●  
 5\*AGCY\_STA\_NO  
 7\*STATION\_NAME  
 71\*NON\_US\_COUNTRY  
 8\*STATE  
 9\*COUNTY  
 10\*HYDROL\_UNIT●  
 11\*CONG\_DIST  
 12\*SITE\_TYPE●  
 13\*BASIN\_OESCRP  
 17\*WDSO\_DFC\_CODE●  
 19\*DRAIN\_AREA  
 20\*NC\_AREA  
 21\*LAST\_UPDATE  
 22\*STATE\_COUNTY●  
 34\*PRIMARY\_USE  
 35\*WRD\_ACT  
 36\*DOWNSTREAM\_ORDER\_NO  
 40\*OTHER\_DATA  
 150\*SW\_ACTIVE●  
 250\*GW\_ACTIVE●  
 350\*QW\_ACTIVE●  
 450\*BIO\_ACTIVE●  
 550\*PHY\_ACTIVE●  
 650\*SED\_ACTIVE●  
 750\*CHM\_ACTIVE●  
 1350\*MET\_ACTIVE●



● KEYED ITEM

Figure 1.--Hierarchical structure and contents of the Master Water Data Index



### **Purpose and Scope**

**This document defines the database files and fields of the personal computer-based Water Data Sources Directory (WDSD). The document presents: (1) the database structure, (2) the database file description, and (3) the database field description.**

**The report presents information to assist users in updating and retrieving data from the WDSD.**



## OVERVIEW OF THE WATER DATA SOURCES DIRECTORY

### Data Base Description

The Water Data Sources Directory (WDSD) contains the following general categories of information:

#### Organization Description

- Unique identifier
- Name of organization
- NAWDEX membership
- Type of organization
- Orientation of the organization's activities

#### Office Description

- Unique identifier
- Name of office
- Address
- Telephone number
- Areal coverage of data
- Media used for data storage
- State(s) and counties having data
- General comments
- Assistance Center information

#### Data Holdings of the Organization

- Country, state, and counties for which data are available
- Types of data available

#### Alternative Sources of the Organization's Data

- Name of the alternative source
- Address
- Types of data available
- Media used for data storage
- General comments

#### Information about Liaison Officials for Water-Data Acquisition and Indexing Activities

#### Data Indexed in the MWDI

#### Water-Related Data Holdings of the Organization

- Types of data available
- Period of record

Number of sites or observations  
Geographic area covered  
Frequency of measurement  
Media used for data storage  
Other organizations that are sources of the data

As the NAWDEX program progresses, additional groups of data, or additional data items, will be added to the WDSO. Future editions of this dictionary will reflect any additions or changes to the WDSO.

### Data Base Structure

The WDSO relational database contains sixteen database files and four support database files as shown in figure 2. Each block in figure 2 represents a database file. The sixteen database files are described in table 1, and the four support database files are described in table 2.

Ashton-Tate's dBASE IV relational database management system manages and maintains the WDSO database. Fields are individual pieces of information, such as the name of an organization or the address of an office; database files contain logically related fields.

### HOW TO USE THIS DOCUMENT

This document contains a detailed explanation of each database file and field of the WDSO. It is organized as is the WDSO database, with descriptions of fields belonging to the same database file located together. Each description of a database file or field in this document begins on a new page. The description of the fields associated with each database file follows the description of the database file. At the top of each page, certain attributes of the field defined are listed to provide information usually needed only by data processing personnel for software development. These attributes include IN DATABASE FILE, DATA TYPE, and LARGEST OR LONGEST VALUE. A full definition of each of these attributes is found below. For most users it will only be necessary to consider these attributes when producing a report or formulating a complex retrieval using dBASE IV. The attribute with which all users should be concerned is FIELD NAME. Figure 3 illustrates the format used to describe each database file. The following is an explanation of each attribute:

**DATABASE FILE NAME** - The name of the database file.

**DATABASE FILE DEFINITION** - A description of information available.

**FIELDS** - A list of fields included in the database file.



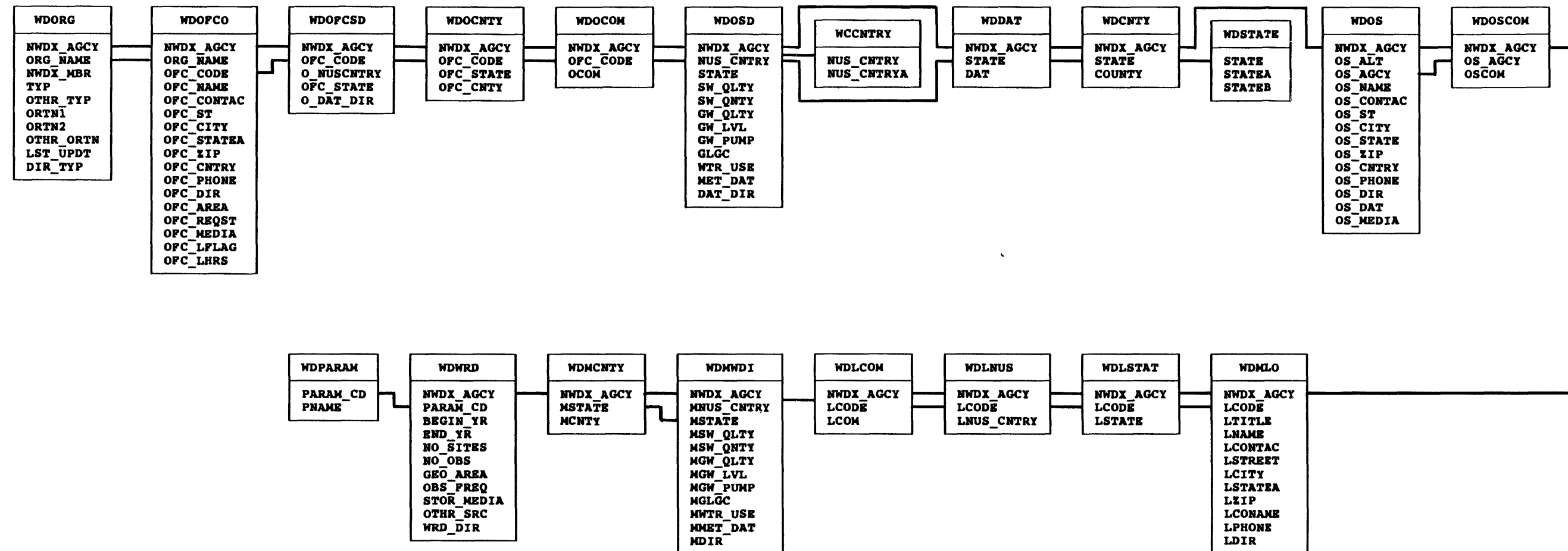


Figure 2.--Relational database structure and contents of the Water Data Sources Directory



**Table 1. -- Water Data Sources Directory Database File Descriptions**

<u>Database File</u>	<u>Description</u>
WDORG.dbf	Water-related activities of an organization
WDOFCO.dbf	Office information about an organization
WDOFCSD.dbf	Geographic area covered by the data available from an office
WDOCNTY.dbf	Counties for which an office has data
WDOCOM.dbf	General information about an office
WDOSD.dbf	Number and types of sites operated by an organization
WDCNTY.dbf	Counties where the organization operates data collection sites
WDOS.dbf	Other sources of an organization's data
WDOSCOM.dbf	General information about an other source organization
WDMLO.dbf	Persons to consult about water-data acquisition, coordination, and indexing activities
WDLSTAT.dbf	State location of the liaison contact
WDLNUS.dbf	Country location of the liaison contact
WDLCOM.dbf	General information about liaison activities
WDMWDI.dbf	Number and type of sites indexed in the MWDI for an organization
WDMCNTY.dbf	Counties where the organization operates sites indexed in the MWDI
WDWRD.dbf	Water-related data that are collected and made available by an organization

Table 2. -- Water Data Sources Directory Support Database File Descriptions

---

<u>Database File</u>	<u>Description</u>
WDCNTRY.dbf	Cross references a non-United States country code with its name
WDDAT.dbf	Cross references NAWDEX agency code, state numeric code, and type of site
WDSTATE.dbf	Cross references a numeric state code with its name
WDPARAM.dbf	Cross references a parameter code with its name

**NAWDEX  
WATER DATA SOURCES DIRECTORY  
PERSONAL COMPUTER-BASED SYSTEM  
DATA DICTIONARY**

**DATABASE FILE NAME:**

**DATABASE FILE DEFINITION:**

**FIELDS:**

**Figure 3. Format for a database file description.**



Figure 4 illustrates the format for the field description. The following is an explanation of each attribute:

**FIELD NAME** - The unique name of the field as used in the database.

**MANDATORY** - Marked either Yes or No. If Yes, a value for the data field must be present in every occurrence in the database file. For example, the field NWDX\_AGCY, is mandatory because it is the unique identification code of the organization and, therefore, must always be present. On the other hand, the field SW\_QLTY, is not mandatory because not every organization operates surface water quality sites and, therefore, the data field may be non-valued.

**DATA TYPE** - Contains either CHARACTER, NUMERIC, or LOGICAL, depending on what type of data are stored for the field.

**LARGEST OR LONGEST VALUE** - This is the largest value that is allowed for the data field.

**DATA VALUES** - This is a narrative definition of the values that can be stored for a field.

**GENERAL DESCRIPTION** - This is a narrative description of the type of data stored for a field, its purpose, and the source or usefulness of the data. If a coding scheme is used, the meaning of each code is explained.

**NAWDEX  
WATER DATA SOURCES DIRECTORY  
PERSONAL COMPUTER-BASED SYSTEM  
DATA DICTIONARY**

**FIELD NAME:**

**IN DATABASE FILE:**

**MANDATORY:**

**DATA TYPE:**

**LARGEST OR LONGEST VALUE:**

**DATA VALUES:**

**GENERAL DESCRIPTION:**

**Figure 4. Format for a field description.**

**WATER DATA SOURCES DIRECTORY  
(PERSONAL COMPUTER-BASED SYSTEM)  
DATABASE FILE AND FIELD DEFINITIONS**

**DATABASE FILE NAME:**

**WDORG**

**DATABASE FILE DEFINITION:**

Information that identifies and describes the water-related activities of the organization

**FIELDS:**

NWDX\_AGCY  
ORG\_NAME  
NWDX\_MBR  
TYP  
OTHR\_TYP  
ORTN1  
ORTN2  
OTHR\_ORTN  
LST\_UPDT  
DIR\_TYP

**FIELD NAME:** NWDX\_AGCY  
**IN DATABASE FILE:** WDORG  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 5 characters

**DATA VALUES:**

The NAWDEX agency code varies in length from three to five characters. For federal organizations, it is US followed by a two- or three-character abbreviation of the organization's name. Values for non-federal organizations whose activities are within a given state boundary have a two-character state code followed by a NAWDEX-assigned sequence number. Values for non-federal organizations having activities at the multistate or national level have a three-to five-character abbreviation of the organization name (the characters US will not appear in the first two character positions). Alphabetic state codes are contained in the Federal Information Processing Standards (FIPS) Publication 5-1, dated June 15, 1970, "States and Outlying Areas of the United States." NAWDEX agency codes are presented in the publication, "Identification Codes for Organizations Listed in Computerized Data Systems of the U.S. Geological Survey" which may be obtained from the National Water Data Exchange, U.S. Geological Survey, 421 National Center, Reston, Virginia 22092. Telephone: (703) 648-6848; FTS 959-6848.

**GENERAL DESCRIPTION:**

The NAWDEX agency code is assigned by the NAWDEX Program Office and is the unique identifier for participating federal and non-federal organizations that actively collect and store water data. Non-federal organizations include state, county, and municipal agencies, as well as intergovernmental compacts, private organizations, universities, and any local organizations at other than county or municipal level.

**FIELD NAME:** ORG\_NAME

**IN DATABASE FILE:** WDORG

**MANDATORY:** Yes

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** 40 characters

**DATA VALUES:**

The name of the organization contains up to 40 characters.

**GENERAL DESCRIPTION:**

The name is the official name of the organization as it should appear on correspondence addressed to the organization.

**FIELD NAME:** NWDX\_MBR

**IN DATABASE FILE:** WDORG

**MANDATORY:** Yes

**DATA TYPE:** Logical

**LARGEST OR LONGEST VALUE:** Y or N

**DATA VALUES:**

This field contains "N" if the organization is not a member of NAWDEX or "Y" if it is a member.

**GENERAL DESCRIPTION:**

Membership in NAWDEX is voluntary and open to any water-oriented organization that wishes to take an active role in its activities. To be a member, one must sign Memorandum of Understanding between the NAWDEX Program Office and the member organization.

**FIELD NAME:** TYP  
**IN DATABASE FILE:** WDORG  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** One-letter NAWDEX TYP code

**DATA VALUES:**

The TYP field contains a code used to classify an organization into one of the groups explained below.

**GENERAL DESCRIPTION:**

<u>Code</u>	<u>Meaning</u>
C	County - A single organization, typically governmental, whose scope of activity is encompassed by the boundaries of one or more counties but does not cover an entire state.
F	Federal - An agency or agencies of the federal government or a multi-country organization operating at the federal level.
G	Intergovernmental - An organization made up of different government agencies, such as federal-state compacts, state-state compacts, multicounty compacts, and river basin commissions. The scope of all the agencies involved is only within the United States.
I	International - An organization made up of representatives from different countries, such as UNESCO and WHO.
L	Local - A local governmental organization other than county or municipal.
M	Municipal - A single municipal governmental organization.
P	Private - An organization that cannot be classified as a governmental organization.
S	State - A single governmental organization whose scope of activity is encompassed by the boundaries of a single state.



<u>Code</u>	<u>Meaning</u>
U	University or Research Institute - An educational institution (public or private) at the university or college level, or a non-profit organization engaged in research.
O	Other - An organization that cannot be classified into one of the other groups. If this field is valued as "O" then field OTHR_TYP contains a description of the type of organization.

<b>FIELD NAME:</b>	OTHR_TYP
<b>IN DATABASE FILE:</b>	WDORG
<b>MANDATORY:</b>	No
<b>DATA TYPE:</b>	Character
<b>LARGEST OR LONGEST VALUE:</b>	12 characters

**DATA VALUES:**

If the organization is a type that cannot be classified into one of the groups in field TYP, then this field contains a description of the type of organization up to 12 characters in length. It is valued only if the TYP field is valued as "O" (Other).

**GENERAL DESCRIPTION:**

The NAWDEX Program Office enters the descriptions of other types of organizations based on information supplied by the organizations.

**FIELD NAME:** ORTN1  
**IN DATABASE FILE:** WDORG  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** One-character NAWDEX orientation code

**DATA VALUES:**

This field contains a code that describes the primary orientation of the organization's water-related activities.

**GENERAL DESCRIPTION:**

<u>Code</u>	<u>Meaning</u>
A	Agriculture and Irrigation
B	Basic Hydrologic Research
D	Domestic, Rural
E	Evaluation of Resources
F	Flood Control
H	Hydroelectric
I	Industry
M	Multiple Source Public Supply
N	Navigation
P	Pollution Studies
R	Recreation
S	Single Source Public Supply
T	Thermoelectric
W	Fish and Wildlife
O	Other

If this field is valued as "O" then field OTHR\_ORTN (other types of orientation described on page 24) contains a description of the orientation of the organization's water-related activities.

**FIELD NAME:** ORTN2

**IN DATABASE FILE:** WDORG

**MANDATORY:** No

**LARGEST OR LONGEST VALUE:** One-character NAWDEX orientation code

**DATA VALUES:**

This field contains a code that describes the secondary orientation of the organization's water-related activities if a single designation in field ORTN1 is inadequate to describe those activities.

**GENERAL DESCRIPTION:**

The fields ORTN1 and ORTN2 use the same codes.

**FIELD NAME:** OTHR\_ORTN  
**IN DATABASE FILE:** WDORG  
**MANDATORY:** No  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 12 characters

**DATA VALUES:**

This field contains up to a 12-character description of the orientation of the organization's water-related activities. It is valued only if ORTN1 is valued as "O" (Other).

**GENERAL DESCRIPTION:**

The NAWDEX Program Office enters descriptions of other types of orientations based on information supplied by the reporting organization.

<b>FIELD NAME:</b>	LST_UPDT
<b>IN DATABASE FILE:</b>	WDORG
<b>MANDATORY:</b>	Yes
<b>DATA TYPE:</b>	Character
<b>LARGEST OR LONGEST VALUE:</b>	10 characters

**DATA VALUES:**

This field contains the month, day, and year of the last date (MM/DD/YYYY) that an update of any type was processed against the organization's entry in the database.

**GENERAL DESCRIPTION:**

An update is any transaction that adds, deletes, or changes data values in the WDSD database. If no updates have been made to the data about an organization, the LST\_UPDT is the date on which the data was first inserted into the database.

**FIELD NAME:** DIR\_TYP  
**IN DATABASE FILE:** WDORG  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 10 characters

**DATA VALUES:**

<u>Code</u>	<u>Meaning</u>
W	Water Data Sources Directory
R	Water-Related Data Sources Directory
O	Directory of Water Resources Organizations
L	Directory of Liaison Officials
I	Directory of Indexing Officials
N	Directory of Water-Use Liaison Officials

**GENERAL DESCRIPTION:**

The DIR\_TYP field contains a combination of 1 to 10 codes, left-justified. This field is used in retrieving specified types of directories. Each code may occur only once in this field. The NAWDEX Program Office will add codes, as the need arises, to meet future directory needs.

**DATABASE FILE NAME:**

WDOFCO

**DATABASE FILE DEFINITION:**

Information about one or more offices of the organization, including the office's address and telephone number, and the areal coverage of the data owned by the office. Contains the telephone number and operating hours of assistance centers.

The primary purpose of this database file is to provide information to NAWDEX users about offices that can and will supply their data upon request.

**FIELDS:**

NWDX\_AGCY  
ORG\_NAME  
OFC\_CODE  
OFC\_NAME  
OFC\_CONTAC  
OFC\_ST  
OFC\_CITY  
OFC\_STATEA  
OFC\_ZIP  
OFC\_CNTRY  
OFC\_PHONE  
OFC\_DIR  
OFC\_AREA  
OFC\_REQST  
OFC\_MEDIA  
OFC\_LFLAG  
OFC\_LHRS  
OFC\_LPHONE



**FIELD NAME:** NWDX\_AGCY  
**IN DATABASE FILE:** WDOFCO (Also in WDORG)  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 5 characters

**DATA VALUES:**

The NAWDEX agency code varies in length from three to five characters. For federal organizations, it is US followed by a two- or three-character abbreviation of the organization's name. Values for non-federal organizations whose activities are within a given state boundary have a two-character state code followed by a NAWDEX-assigned sequence number. Values for non-federal organizations having activities at the multistate or national level have a three-to five-character abbreviation of the organization name (the characters US will not appear in the first two character positions). Alphabetic state codes are contained in the Federal Information Processing Standards (FIPS) Publication 5-1, dated June 15, 1970, "States and Outlying Areas of the United States." NAWDEX agency codes are presented in the publication, "Identification Codes for Organizations Listed in Computerized Data Systems of the U.S. Geological Survey" which may be obtained from the National Water Data Exchange, U.S. Geological Survey, 421 National Center, Reston, Virginia 22092. Telephone: (703) 648-6848; FTS 959-6848.

**GENERAL DESCRIPTION:**

The NAWDEX agency code is assigned by the NAWDEX Program Office and is the unique identifier for participating federal and non-federal organizations that actively collect and store water data. Non-federal organizations include state, county, and municipal agencies, as well as intergovernmental compacts, private organizations, universities, and any local organizations at other than county or municipal level.

<b>FIELD NAME:</b>	ORG_NAME
<b>IN DATABASE FILE:</b>	WDOFCO (Also in WDORG)
<b>MANDATORY:</b>	Yes
<b>DATA TYPE:</b>	Character
<b>LARGEST OR LONGEST VALUE:</b>	40 characters

**DATA VALUES:**

The name of the organization contains up to 40 characters.

**GENERAL DESCRIPTION:**

The name is the official name of the organization as it should appear on correspondence addressed to the organization.

**FIELD NAME:** OFC\_CODE  
**IN DATABASE FILE:** WDOFCO  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 9 characters

**DATA VALUES:**

The NAWDEX Program Office assigns the OFC\_CODE field. The first two characters of the code consists of two digits representing the state or two letters representing the country in which the office is located; the next five characters consist of five digits representing the city or place in which the office is located; and the last two characters consist of an arbitrary two-digit sequence number to uniquely identify multiple offices within the same city or place. A complete list of country codes is contained in the Federal Information Processing Standards (FIPS) Publication 10-2, "Countries, Dependencies, and Areas of Special Sovereignty," dated 1976; a complete list of state codes is contained in the Federal Information Processing Standards (FIPS) Publication 5-1, "States and Outlying Areas of the United States," dated 1970; and a complete list of city and place codes is contained in the Federal Information Processing Standards (FIPS) Publication 55, "Codes for Named Populated Places and Related Entities of the State of the United States," dated 1978.

**GENERAL DESCRIPTION:**

This field is used to retrieve addresses of operating offices from the WDSD database. The code for an office is unique within an organization but is not necessarily unique across the database. Its counterpart in the MWDI database is component number 17, WDSD\_OFC\_CODE.

**FIELD NAME:** OFC\_NAME

**IN DATABASE FILE:** WDOFCO

**MANDATORY:** No

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** 40 characters

**DATA VALUES:**

This field contains the name of the office.

**GENERAL DESCRIPTION:**

This field contains the official name of the office. If the organization has only a single office, this field may be the same as the ORG\_NAME field.

**FIELD NAME:** OFC\_CONTAC

**IN DATABASE FILE:** WDOFCO

**MANDATORY:** No

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** 40 characters

**DATA VALUES:**

This field contains the name of the contact person.

**GENERAL DESCRIPTION:**

The office contact is the name or title of the person or office a requester contacts for obtaining the office's data that are indexed in NAWDEX.

**FIELD NAME:** OFC\_ST  
**IN DATABASE FILE:** WDOFCO  
**MANDATORY:** No  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 40 characters

**DATA VALUES:**

This field contains up to 40 characters.

**GENERAL DESCRIPTION:**

This field contains the street address or post office box number of the office contact named in the field, OFC\_CONTAC. A requester should send a letter to this address requesting the office's data indexed in NAWDEX.

<b>FIELD NAME:</b>	OFC_CITY
<b>IN DATABASE FILE:</b>	WDOFCO
<b>MANDATORY:</b>	No
<b>DATA TYPE:</b>	Character
<b>LARGEST OR LONGEST VALUE:</b>	30 characters

**DATA VALUES:**

This field contains the name of the city up to 30 characters.

**GENERAL DESCRIPTION:**

The office is located in this city. The city name accompanies the address and, therefore, should be the name of the city used for mailing.

**FIELD NAME:** OFC\_STATEA

**IN DATABASE FILE:** WDOFCO

**MANDATORY:** No

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** WY

**DATA VALUES:**

This field contains a two-character postal code identifying the state in which the office is located.

**GENERAL DESCRIPTION:**

Postal codes are alphabetic state abbreviations recognized by the U.S. Postal Service as part of a mailing address. The OFC\_STATEA field should be valued only if the office is located within the United States or one of its territories. If the office is outside the United States, this field is not valued.



<b>FIELD NAME:</b>	OFC_ZIP
<b>IN DATABASE FILE:</b>	WDOFCO
<b>MANDATORY:</b>	No
<b>DATA TYPE:</b>	Character
<b>LARGEST OR LONGEST VALUE:</b>	9999999999

**DATA VALUES:**

This field contains up to ten digits and/or characters which is the U.S. Postal ZIP code or foreign postal code of the organization.

**GENERAL DESCRIPTION:**

The ZIP code is a geographic code that identifies areas within the United States and its possessions for simplifying the distribution of mail by the U.S. Postal Service. The ZIP code alignments do not adhere to boundaries of cities, counties, states, or other jurisdictions. For organizations outside the United States and its territories, the foreign postal code, if applicable, will be defined in the format of its local usage.

**FIELD NAME:** OFC\_CNTRY

**IN DATABASE FILE:** WDOFCO

**MANDATORY:** No

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** 30 Characters

**DATA VALUES:**

This field contains the name of the country in which the office is located. If the office is in the United States, the abbreviation "USA" is used. For countries other than the United States, the full name of the country is stored.

**GENERAL DESCRIPTION:**

The name of the country applies to the country in which the office is physically located. It is the name that is part of the mailing address on correspondence addressed to the office. It bears no relationship to the data holdings of the office.

<b>FIELD NAME:</b>	OFC_PHONE
<b>IN DATABASE FILE:</b>	WDOFCO
<b>MANDATORY:</b>	No
<b>DATA TYPE:</b>	Character
<b>LARGEST OR LONGEST VALUE:</b>	999-999-9999

**DATA VALUES:**

This is the telephone number of the office. If the office is within the United States or one of its territories, the number consists of a three-digit area code, followed by a dash, and followed by the seven digits of the local telephone number. A dash appears between the third and fourth digits of the local number. If the office is outside the United States, whatever format is required is the one used to store the correct telephone number.

**GENERAL DESCRIPTION:**

This is the telephone number at which the office and its contact can be reached.

**FIELD NAME:** OFC\_DIR  
**IN DATABASE FILE:** WDOFCO  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 10 characters

**DATA VALUES:**

<u>Code</u>	<u>Meaning</u>
W	Water Data Sources Directory
R	Water-related Data Sources Directory
O	Directory of Water Resources Organizations

**GENERAL DESCRIPTION:**

The OFC\_DIR field contains a combination of 1 to 10 codes, left-justified, used in retrieving specified types of directories. Each code may occur only once in this field. The NAWDEX Program Office will add codes, as the need arises, to meet future directory needs.

**FIELD NAME:** OFC\_AREA  
**IN DATABASE FILE:** WDOFCO  
**MANDATORY:** No  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** S

**DATA VALUES:**

This field contains a code that describes the geographic area encompassed by the data available from the office.

**GENERAL DESCRIPTION:**

<u>Code</u>	<u>Meaning</u>
A	Multicounty - Two or more counties, all in the same state, but not encompassing the entire state.
C	One County - All the available data are for a single county.
I	Multicountry, International - Data from more than one country are available.
M	Multistate (Province) - Data from more than one state or province are available, and all data are for a single country.
N	Nationwide - The available data span an entire country and are limited to that single country.
S	Statewide - The available data span an entire state and are limited to that single state (or province).

**FIELD NAME:** OFC\_REQST

**IN DATABASE FILE:** WDOFCO

**MANDATORY:** Yes

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** Y or N

**DATA VALUES:**

This field contains "Y" if the office responds to requests for data and "N" if it does not.

**GENERAL DESCRIPTION:**

Offices that collect and/or store water data may or may not choose to furnish that data to those who request it. If the office does respond to requests for its data, then this field contains "Y". This information is furnished to users of NAWDEX so that they can ascertain if the office can be contacted to obtain data.

If the office does not respond to requests for its data, it is still included in the WDSD for administrative purposes, and this field contains "N". Frequently offices that do not respond to requests for data furnish their data to one or more organizations that do respond to requests. When this is the case, information about the alternative source of data is contained in WDOS.

**FIELD NAME:** OFC\_MEDIA

**IN DATABASE FILE:** WDOFCO

**MANDATORY:** No

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** P

**DATA VALUES:**

This field contains a code that describes the type(s) of media used to store the office's hydrologic data.

**GENERAL DESCRIPTION:**

<u>Code</u>	<u>Meaning</u>
C	Computer recognizable - The data are stored on media that can be read by a computer. This might be punched cards, paper tape, magnetic disk, drum, or some similar device.
D	Computer and published - Data are stored in both computer recognizable and published form.
E	Computer and microform - Data are stored in both computer recognizable and microform formats.
F	Computer, published, and microform -Data are stored in computer recognizable, published, and microform formats.
G	Published and microform - Data are stored in both published and microform formats.
M	Microform - Printed data which are stored in reduced size on roll microfilm, microfiche, aperture cards, or some other type of microfilm.
P	Published - The data are available in printed form.

**FIELD NAME:** OFC\_LFLAG  
**IN DATABASE FILE:** WDOFCO  
**MANDATORY:** No  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 1

**DATA VALUES:**

This field contains "1" if the office is a NAWDEX Assistance Center. Otherwise, it has no value.

**GENERAL DESCRIPTION:**

The purpose of this field is to identify offices that are assistance centers for the NAWDEX program. A nationwide network of assistance centers support the service capabilities of NAWDEX. These centers were set up in offices of NAWDEX members to provide local and convenient access to NAWDEX and its services. Most are equipped with computer terminals, thereby providing an extensive telecommunications network for access to the computerized directory and indexes being developed for the NAWDEX program. As the NAWDEX membership increases, additional centers will be added in large population areas and areas of high user interest to provide more optimal access to NAWDEX and its services. A complete directory of assistance centers may be obtained from the National Water Data Exchange, U.S. Geological Survey, 421 National Center, Reston, Virginia 22092.



**FIELD NAME:** OFC\_LHRS

**IN DATABASE FILE:** WDOFCO

**MANDATORY:** Yes

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** 20 characters

**DATA VALUES:**

The hours of operation of an Assistance Center are given in this way:

As shown in the following, the first three characters show the time zone, standardized to Greenwich Mean Time; the fourth character is a blank.

<u>United States Time Zone</u>	<u>Greenwich Standardization (First Three Characters)</u>
Atlantic	+04
Eastern	+05
Central	+06
Mountain	+07
Pacific	+08
Yukon	+09
Alaska-Hawaii	+10
Bering	+11

The following abbreviations are also incorporated: SU for Sunday; M for Monday; T for Tuesday; W for Wednesday; TH for Thursday; F for Friday; S for Saturday. Thus, the following would be for an office in the Central Time Zone in the U.S.A. which is open from 9 a.m. to 3 p.m. on Monday through Thursday, and 9 a.m. to 2 p.m. on Friday:

+ 0 6 M - T H 9 - 3 F 9 - 2

**GENERAL DESCRIPTION:**

This field contains information about the hours during which someone is available at an Assistance Center to respond to requests for data.

**FIELD NAME:** OFC\_LPHONE  
**IN DATABASE FILE:** WDOFCO  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 999-999-9999

**DATA VALUE:**

This field contains the telephone number of the Assistance Center. If the office is within the United States or one of its territories, the number consists of a three-digit area code, followed by a dash, followed by seven digits of the local telephone number. A dash appears between the third and fourth digits of the local number. If the office is outside the United States, whatever format is required is the one used.

**GENERAL DESCRIPTION:**

This field contains the telephone number at which the Assistance Center can be reached for requesting information from NAWDEX. It may differ from the telephone number in the OFC\_PHONE field because OFC\_PHONE is the number to call to request data and index information from NAWDEX.

**DATABASE FILE NAME:**

**WDOFCSD**

**DATABASE FILE DEFINITION:**

Information about the geographic area covered  
by the data available from the office

**FIELDS:**

NWDX\_AGCY  
OFC\_CODE  
O\_NUSCNTRY  
OFC\_STATE  
O\_DAT\_DIR

**FIELD NAME:** NWDX\_AGCY  
**IN DATABASE FILE:** WDOFCSD  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 5 characters

**DATA VALUES:**

The NAWDEX agency code varies in length from three to five characters. For federal organizations, it is US followed by a two- or three-character abbreviation of the organization's name. Values for non-federal organizations whose activities are within a given state boundary have a two-character state code followed by a NAWDEX-assigned sequence number. Values for non-federal organizations having activities at the multistate or national level have a three-to five-character abbreviation of the organization name (the characters US will not appear in the first two character positions). Alphabetic state codes are contained in the Federal Information Processing Standards (FIPS) Publication 5-1, dated June 15, 1970, "States and Outlying Areas of the United States." NAWDEX agency codes are presented in the publication, "Identification Codes for Organizations Listed in Computerized Data Systems of the U.S. Geological Survey" which may be obtained from the National Water Data Exchange, U.S. Geological Survey, 421 National Center, Reston, Virginia 22092. Telephone: (703) 648-6848; FTS 959-6848.

**GENERAL DESCRIPTION:**

The NAWDEX agency code is assigned by the NAWDEX Program Office and is the unique identifier for participating federal and non-federal organizations that actively collect and store water data. Non-federal organizations include state, county, and municipal agencies, as well as intergovernmental compacts, private organizations, universities, and any local organizations at other than county or municipal level.

**FIELD NAME:** OFC\_CODE  
**IN DATABASE FILE:** WDOFCSD  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 9 characters

**DATA VALUES:**

The NAWDEX Program Office assigns the OFC\_CODE field. The first two characters of the code consists of two digits representing the state or two letters representing the country in which the office is located; the next five characters consist of five digits representing the city or place in which the office is located; and the last two characters consist of an arbitrary two-digit sequence number to uniquely identify multiple offices within the same city or place. A complete list of country codes is contained in the Federal Information Processing Standards (FIPS) Publication 10-2, "Countries, Dependencies, and Areas of Special Sovereignty," dated 1976; a complete list of state codes is contained in the Federal Information Processing Standards (FIPS) Publication 5-1, "States and Outlying Areas of the United States," dated 1970; and a complete list of city and place codes is contained in the Federal Information Processing Standards (FIPS) Publication 55, "Codes for Named Populated Places and Related Entities of the State of the United States," dated 1978.

**GENERAL DESCRIPTION:**

This field is used to retrieve addresses of operating offices from the WDSD database. The code for an office is unique within an organization but is not necessarily unique across the database. Its counterpart in the MWDI database is component number 17, WDSD\_OFC\_CODE.

**FIELD NAME:** O\_NUSCNTRY

**IN DATABASE FILE:** WDOFCSD

**MANDATORY:** No

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** 2 characters

**DATA VALUES:**

This field contains a FIPS country code only if the office has data for sites physically located outside the United States; if the office's data is for sites within the United States, the field has no value.

A complete list of country codes is contained in the Federal Information Processing Standards (FIPS) Publication 10-2, "Countries, Dependencies, and Areas of Special Sovereignty," dated 1976.

**GENERAL DESCRIPTION:**

The non-United States country code is valued for only those offices that have data from sites that lie outside of the borders of the United States and its outlying areas. It bears no relationship to the location of the office.

**FIELD NAME:** OFC\_STATE

**IN DATABASE FILE:** WDOFCSD

**MANDATORY:** No

**DATA TYPE:** Numeric

**LARGEST OR LONGEST VALUE:** 99

**DATA VALUES:**

This field contains a code representing the state or outlying area for which the office has data.

**GENERAL DESCRIPTION:**

State codes are contained in the Federal Information Processing Standards (FIPS) Publication 5-1, "States and Outlying Areas of the United States," dated June 15, 1970. The NAWDEX Program Office assigns temporary codes to identify foreign installations. The state code represents the location of a data collection site for which the office has data, and not the location of the office.

**FIELD NAME:** O\_DAT\_DIR

**IN DATABASE FILE:** WDOFCSD

**MANDATORY:** Yes

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** 10 characters

**DATA VALUES:**

<u>Code</u>	<u>Meaning</u>
W	Water Data Sources Directory
R	Water-related Data Sources Directory
O	Directory of Water Resources Organizations

**GENERAL DESCRIPTION:**

The O\_DAT\_DIR field contains a combination of 1 to 10 codes, left-justified, used in retrieving specified types of directories. Each code may occur only once in this field. The NAWDEX Program Office will add codes, as the need arises, to meet future directory needs.



**DATABASE FILE NAME:**

**WDOCNTY**

**DATABASE FILE DEFINITION:**

Information about the counties for which the  
office has data

**FIELDS:**

NWDX\_AGCY  
OFC\_CODE  
OFC\_STATE  
OFC\_CNTY

**FIELD NAME:** NWDX\_AGCY  
**IN DATABASE FILE:** WDOCNTY (Also in WDORG)  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 5 characters

**DATA VALUES:**

The NAWDEX agency code varies in length from three to five characters. For federal organizations, it is US followed by a two- or three-character abbreviation of the organization's name. Values for non-federal organizations whose activities are within a given state boundary have a two-character state code followed by a NAWDEX-assigned sequence number. Values for non-federal organizations having activities at the multistate or national level have a three-to five-character abbreviation of the organization name (the characters US will not appear in the first two character positions). Alphabetic state codes are contained in the Federal Information Processing Standards (FIPS) Publication 5-1, dated June 15, 1970, "States and Outlying Areas of the United States." NAWDEX agency codes are presented in the publication, "Identification Codes for Organizations Listed in Computerized Data Systems of the U.S. Geological Survey" which may be obtained from the National Water Data Exchange, U.S. Geological Survey, 421 National Center, Reston, Virginia 22092. Telephone: (703) 648-6848; FTS 959-6848.

**GENERAL DESCRIPTION:**

The NAWDEX agency code is assigned by the NAWDEX Program Office and is the unique identifier for participating federal and non-federal organizations that actively collect and store water data. Non-federal organizations include state, county, and municipal agencies, as well as intergovernmental compacts, private organizations, universities, and any local organizations at other than county or municipal level.

**FIELD NAME:** OFC\_CODE

**IN DATABASE FILE:** WDOCNTY (Also in WDOFCO)

**MANDATORY:** Yes

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** 9 characters

**DATA VALUES:**

The NAWDEX Program Office assigns the OFC\_CODE field. The first two characters of the code consists of two digits representing the state or two letters representing the country in which the office is located; the next five characters consist of five digits representing the city or place in which the office is located; and the last two characters consist of an arbitrary two-digit sequence number to uniquely identify multiple offices within the same city or place. A complete list of country codes is contained in the Federal Information Processing Standards (FIPS) Publication 10-2, "Countries, Dependencies, and Areas of Special Sovereignty," dated 1976; a complete list of state codes is contained in the Federal Information Processing Standards (FIPS) Publication 5-1, "States and Outlying Areas of the United States," dated 1970; and a complete list of city and place codes is contained in the Federal Information Processing Standards (FIPS) Publication 55, "Codes for Named Populated Places and Related Entities of the State of the United States," date 1978.

**GENERAL DESCRIPTION:**

This field is used to retrieve addresses of operating offices from the WDSD database. The code for an office is unique within an organization but is not necessarily unique across the database. Its counterpart in the MWDI database is component number 17, WDSD\_OFC\_CODE.

**FIELD NAME:** OFC\_STATE  
**IN DATABASE FILE:** WDOCNTY (Also in WDOFCSD)  
**MANDATORY:** No  
**DATA TYPE:** Numeric  
**LARGEST OR LONGEST VALUE:** 99

**DATA VALUES:**

This field contains a code representing the state or outlying area for which the office has data.

**GENERAL DESCRIPTION:**

State codes are contained in the Federal Information Processing Standards (FIPS) Publication 5-1, "States and Outlying Areas of the United States," dated June 15, 1970. The NAWDEX Program Office assigns temporary codes to identify foreign installations. The state code represents the location of a data collection site for which the office has data, and not the location of the office.

<b>FIELD NAME:</b>	OFC_CNTY
<b>IN DATABASE FILE:</b>	WDOCNTY
<b>MANDATORY:</b>	Yes
<b>DATA TYPE:</b>	Numeric
<b>LARGEST OR LONGEST VALUE:</b>	840

**DATA VALUES:**

This field contains a three-digit code for a county for which the office has data. For data from sites outside the United States, this field has no value.

**GENERAL DESCRIPTION:**

This field contains a code representing a county in which a data collection site exists and for which the office holds data. The county must be in the state whose code is in the OFC\_STATE field. County codes are contained in the Federal Information Processing Standards (FIPS) Publication 6-3, "Counties and County Equivalents of the States of the United States and the District of Columbia," dated December 15, 1979.

Note: Codes used to value this field include independent city codes for the States of Maryland, Missouri, Nevada, and Virginia; division codes for the State of Alaska; and county equivalents of Puerto Rico and the Virgin Islands.

**DATABASE FILE NAME:**

**WDOCOM**

**DATABASE FILE DEFINITION:**

General information about an office and its data holdings

**FIELDS:**

NWDX\_AG CY  
OFC\_CODE  
OCOM

**FIELD NAME:** NWDX\_AGCY  
**IN DATABASE FILE:** WDOCOM (Also in WDORG)  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 5 characters

**DATA VALUES:**

The NAWDEX agency code varies in length from three to five characters. For federal organizations, it is US followed by a two- or three-character abbreviation of the organization's name. Values for non-federal organizations whose activities are within a given state boundary have a two-character state code followed by a NAWDEX-assigned sequence number. Values for non-federal organizations having activities at the multistate or national level have a three-to five-character abbreviation of the organization name (the characters US will not appear in the first two character positions). Alphabetic state codes are contained in the Federal Information Processing Standards (FIPS) Publication 5-1, dated June 15, 1970, "States and Outlying Areas of the United States." NAWDEX agency codes are presented in the publication, "Identification Codes for Organizations Listed in Computerized Data Systems of the U.S. Geological Survey" which may be obtained from the National Water Data Exchange, U.S. Geological Survey, 421 National Center, Reston, Virginia 22092. Telephone: (703) 648-6848; FTS 959-6848.

**GENERAL DESCRIPTION:**

The NAWDEX agency code is assigned by the NAWDEX Program Office and is the unique identifier for participating federal and non-federal organizations that actively collect and store water data. Non-federal organizations include state, county, and municipal agencies, as well as intergovernmental compacts, private organizations, universities, and any local organizations at other than county or municipal level.

**FIELD NAME:** OFC\_CODE

**IN DATABASE FILE:** WDOCOM (Also in WDOFCO)

**MANDATORY:** Yes

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** 9 characters

**DATA VALUES:**

The NAWDEX Program Office assigns the OFC\_CODE field. The first two characters of the code consists of two digits representing the state or two letters representing the country in which the office is located; the next five characters consist of five digits representing the city or place in which the office is located; and the last two characters consist of an arbitrary two-digit sequence number to uniquely identify multiple offices within the same city or place. A complete list of country codes is contained in the Federal Information Processing Standards (FIPS) Publication 10-2, "Countries, Dependencies, and Areas of Special Sovereignty," dated 1976; a complete list of state codes is contained in the Federal Information Processing Standards (FIPS) Publication 5-1, "States and Outlying Areas of the United States," dated 1970; and a complete list of city and place codes is contained in the Federal Information Processing Standards (FIPS) Publication 55, "Codes for Named Populated Places and Related Entities of the State of the United States," dated 1978.

**GENERAL DESCRIPTION:**

This field is used to retrieve addresses of operating offices from the WDSD database. The code for an office is unique within an organization but is not necessarily unique across the database. Its counterpart in the MWDI database is component number 17, WDSD\_OFC\_CODE.



<b>FIELD NAME:</b>	OCOM
<b>IN DATABASE FILE:</b>	WDOCOM
<b>MANDATORY:</b>	No
<b>DATA TYPE:</b>	Character
<b>LARGEST OR LONGEST VALUE:</b>	65 characters

**DATA VALUES:**

This field contains comments about the office and its data holdings. Up to fifteen comment lines are allowed.

**GENERAL DESCRIPTION:**

The purpose of this field is to provide a means of storing general information about an office and its data holdings. The information may include anything that would interest a user of NAWDEX.

**DATABASE FILE NAME:**

WDOSD

**DATABASE FILE DEFINITION:**

Information about the number and types of sites operated by the organization

**FIELDS:**

NWDX\_AGCY  
NUS\_CNTRY  
STATE  
SW\_QLTY  
SW\_QNTY  
GW\_QLTY  
GW\_LVL  
GW\_PUMP  
GLGC  
WTR\_USE  
MET\_DAT  
DAT\_DIR

**FIELD NAME:** NWDX\_AGCY

**IN DATABASE FILE:** WDOSD (Also in WDORG)

**MANDATORY:** Yes

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** 5 characters

**DATA VALUES:**

The NAWDEX agency code varies in length from three to five characters. For federal organizations, it is US followed by a two- or three-character abbreviation of the organization's name. Values for non-federal organizations whose activities are within a given state boundary have a two-character state code followed by a NAWDEX-assigned sequence number. Values for non-federal organizations having activities at the multistate or national level have a three-to five-character abbreviation of the organization name (the characters US will not appear in the first two character positions). Alphabetic state codes are contained in the Federal Information Processing Standards (FIPS) Publication 5-1, dated June 15, 1970, "States and Outlying Areas of the United States." NAWDEX agency codes are presented in the publication, "Identification Codes for Organizations Listed in Computerized Data Systems of the U.S. Geological Survey" which may be obtained from the National Water Data Exchange, U.S. Geological Survey, 421 National Center, Reston, Virginia 22092. Telephone: (703) 648-6848; FTS 959-6848.

**GENERAL DESCRIPTION:**

The NAWDEX agency code is assigned by the NAWDEX Program Office and is the unique identifier for participating federal and non-federal organizations that actively collect and store water data. Non-federal organizations include state, county, and municipal agencies, as well as intergovernmental compacts, private organizations, universities, and any local organizations at other than county or municipal level.

**FIELD NAME:** NUS\_CNTRY

**IN DATABASE FILE:** WDOSD

**MANDATORY:** No

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** 2 characters

**DATA VALUES:**

This field contains a country code only if the organization operates data collection sites physically located outside the United States. If the organization's data collection sites are within the United States, the field has no value.

A complete list of country codes is contained in the Federal Information Processing Standards (FIPS) Publication 10-2, "Countries, Dependencies, and Areas of Special Sovereignty," dated 1976.

**GENERAL DESCRIPTION:**

The non-United States country code has a value for only those organizations that operate data collection sites that lie outside of the borders of the United States and its outlying areas. It bears no relationship to the location of the organization.

<b>FIELD NAME:</b>	<b>STATE</b>
<b>IN DATABASE FILE:</b>	<b>WDOSD</b>
<b>MANDATORY:</b>	<b>No</b>
<b>DATA TYPE:</b>	<b>Numeric</b>
<b>LARGEST OR LONGEST VALUE:</b>	<b>99</b>

**DATA VALUES:**

This field contains a code representing the state or outlying area in which the organization operates data collection sites. A complete list of state or outlying area codes is contained in the Federal Information Processing Standards (FIPS) Publication 5-1, "States and Outlying Areas of the United States," dated June 15, 1970.

**GENERAL DESCRIPTION:**

The STATE field has a value for those states or outlying areas in which there are sites for which the organization has data. It bears no relationship to the location of the organization.

**FIELD NAME:** SW\_QLTY  
**IN DATABASE FILE:** WDOSD  
**MANDATORY:** No  
**DATA TYPE:** Numeric  
**LARGEST OR LONGEST VALUE:** 9999999

**DATA VALUES:**

This field contains the total number of surface-water-quality sites, located in the state identified by the STATE field or the country identified by the NUS\_CNTRY field which the organization operates.

**GENERAL DESCRIPTION:**

The total includes surface-water sites at which one or more water-quality parameters are, or have been, collected. It includes both active and inactive sites and it makes no difference whether or not the organization supplies the data upon request. Sites included in the total are only those that are operated by the organization in the state identified by STATE or the country identified by NUS\_CNTRY. Water-quality parameters include physical, chemical, sediment, or biological characteristics of water.

<b>FIELD NAME:</b>	<b>SW_QNTY</b>
<b>IN DATABASE FILE:</b>	<b>WDOSD</b>
<b>MANDATORY:</b>	<b>No</b>
<b>DATA TYPE:</b>	<b>Numeric</b>
<b>LARGEST OR LONGEST VALUE:</b>	<b>9999999</b>

**DATA VALUES:**

This field contains the total number of surface-water-quantity sites, located in the state identified by the STATE field or the country identified by the NUS\_CNTRY field, which the organization operates.

**GENERAL DESCRIPTION:**

The total includes surface-water sites at which one or more water-quantity parameters are, or have been, collected. It includes both active and inactive sites and it makes no difference whether or not the organization supplies the data upon request. Sites included in the total are only those that are operated by the organization in the state identified by STATE or the country identified by NUS\_CNTRY. Surface-water-quantity parameters include such items as stream flow, peak flow, low flow, peak stage, low stage, reservoir content, and change in reservoir content.

**FIELD NAME:** GW\_QLTY

**IN DATABASE FILE:** WDOSD

**MANDATORY:** No

**DATA TYPE:** Numeric

**LARGEST OR LONGEST VALUE:** 9999999

**DATA VALUES:**

This field the total number of ground-water-quality sites, located in the state identified by the STATE field or the country identified by the NUS\_CNTRY field, which the organization operates.

**GENERAL DESCRIPTION:**

The total includes ground-water sites at which one or more water quality parameters are, or have been, collected. It includes both active and inactive sites and it makes no difference whether or not the organization supplies the data upon request. Sites included in the total are only those that are operated by the organization in the state identified by the STATE field or the country identified by the NUS\_CNTRY field. Water quality parameters include physical, chemical, or biological characteristics of water.



**FIELD NAME:** GW\_LVL  
**IN DATABASE FILE:** WDOSD  
**MANDATORY:** No  
**DATA TYPE:** Numeric  
**LARGEST OR LONGEST VALUE:** 9999999

**DATA VALUES:**

This field contains the total number of data-monitoring sites the organization operates, at which water-level measurements are made in the state identified by the STATE field or the country identified by NUS\_CNTRY field.

**GENERAL DESCRIPTION:**

The total includes ground-water sites at which water level measurements are, or have been, collected. It includes both active and inactive sites and it makes no difference whether or not the organization supplies the data upon request. Sites included in the total are only those that are operated by the organization in the state identified by the STATE field or the country identified by the NUS\_CNTRY field.

**FIELD NAME:** GW\_PUMP  
**IN DATABASE FILE:** WDOSD  
**MANDATORY:** No  
**DATA TYPE:** Numeric  
**LARGEST OR LONGEST VALUE:** 9999999

**DATA VALUES:**

This field contains the total number of data-monitoring sites, at which there is ground-water pumpage, located in the state identified by the STATE field or the country identified by the NUS\_CNTRY field, which the organization operates.

**GENERAL DESCRIPTION:**

The total includes ground-water sites at which pumpage measurements are, or have been, collected. It includes both active and inactive sites and it makes no difference whether or not the organization supplies the data upon request. Sites included in the total are only those that are operated by the organization in the state identified by the STATE field or the country identified by the NUS\_CNTRY field.

**FIELD NAME:** GLGC  
**IN DATABASE FILE:** WDOSD  
**MANDATORY:** No  
**DATA TYPE:** Numeric  
**LARGEST OR LONGEST VALUE:** 9999999

**DATA VALUES:**

This field contains the total number of ground-water sites with geologic descriptions available, located in the state identified by the STATE field or the country identified by the NUS\_CNTRY field which the organization operates.

**GENERAL DESCRIPTION:**

The total includes ground-water sites for which there is information describing the geology in which the site is located. This includes descriptions of the surficial geology and other information such as stratigraphic or lithologic logs. It includes both active and inactive sites and it makes no difference whether or not the organization supplies the information upon request. Sites included in the total are only those that are operated by the organization in the state identified by the STATE field or the country identified by the NUS\_CNTRY field.

**FIELD NAME:** WTR\_USE  
**IN DATABASE FILE:** WDOSD  
**MANDATORY:** No  
**DATA TYPE:** Numeric  
**LARGEST OR LONGEST VALUE:** 9999999

**DATA VALUES:**

This field contains the total number of sites or locations at which water-use data are being collected or monitored by the organization in the state identified by the STATE field or the country identified by the NUS\_CNTRY field.

**GENERAL DESCRIPTION:**

The total includes all sites or locations at which water-use data are, or have been, collected or monitored. It includes both active and inactive sites or locations and it makes no difference whether or not the organization supplies the data upon request. Sites or locations included in the total are only those that are operated by the organization in the state identified by the STATE field or the country identified by the NUS\_CNTRY field. Water-use data includes all data and information collected about the use of water, both withdrawals and returns, for agriculture, industry, municipal water supplies, domestic use, energy production and development, mining, and a variety of other purposes.

<b>FIELD NAME:</b>	<b>MET_DAT</b>
<b>IN DATABASE FILE:</b>	<b>WDOSD</b>
<b>MANDATORY:</b>	<b>No</b>
<b>DATA TYPE:</b>	<b>Numeric</b>
<b>LARGEST OR LONGEST VALUE:</b>	<b>9999999</b>

**DATA VALUES:**

This field contains the total number of sites at which meteorological data are measured or monitored by the organization in the state identified by the STATE field or the country identified by the NUS\_CNTRY field.

**GENERAL DESCRIPTION:**

The total includes all sites at which meteorological data are, or have been, collected or monitored. It includes both active and inactive sites and it makes no difference whether or not the organization supplies the data upon request. Sites included in the total are only those that are operated by the organization in the state identified by the STATE field or the country identified by the NUS\_CNTRY field. Meteorological data include measurements of precipitation, snow accumulations, wind direction and velocity, temperature, and relative humidity.

**FIELD NAME:** DAT\_DIR  
**IN DATABASE FILE:** WDOSD  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 10 characters

**DATA VALUES:**

<u>Code</u>	<u>Meaning</u>
W	Water Data Sources Directory
R	Water-related Data Sources Directory
O	Directory of Water Resources Organizations

**GENERAL DESCRIPTION:**

This field contains a combination of 1 to 10 codes, left-justified, used in retrieving specified types of directories. Each code may occur only once in this field. The NAWDEX Program Office will add codes, as the need arises, to meet future directory needs.

**DATABASE FILE NAME:**

WDCNTY

**DATABASE FILE DEFINITION:**

Identifies the counties in which the organization  
operates data collection sites

**FIELDS:**

NWDX\_AGCY  
STATE  
COUNTY

**FIELD NAME:** NWDX\_AGCY  
**IN DATABASE FILE:** WDCNTY (Also in WDORG)  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 5 characters

**DATA VALUES:**

The NAWDEX agency code varies in length from three to five characters. For federal organizations, it is US followed by a two- or three-character abbreviation of the organization's name. Values for non-federal organizations whose activities are within a given state boundary have a two-character state code followed by a NAWDEX-assigned sequence number. Values for non-federal organizations having activities at the multistate or national level have a three-to five-character abbreviation of the organization name (the characters US will not appear in the first two character positions). Alphabetic state codes are contained in the Federal Information Processing Standards (FIPS) Publication 5-1, dated June 15, 1970, "States and Outlying Areas of the United States." NAWDEX agency codes are presented in the publication, "Identification Codes for Organizations Listed in Computerized Data Systems of the U.S. Geological Survey" which may be obtained from the National Water Data Exchange, U.S. Geological Survey, 421 National Center, Reston, Virginia 22092. Telephone: (703) 648-6848; FTS 959-6848.

**GENERAL DESCRIPTION:**

The NAWDEX agency code is assigned by the NAWDEX Program Office and is the unique identifier for participating federal and non-federal organizations that actively collect and store water data. Non-federal organizations include state, county, and municipal agencies, as well as intergovernmental compacts, private organizations, universities, and any local organizations at other than county or municipal level.



<b>FIELD NAME:</b>	STATE
<b>IN DATABASE FILE:</b>	WDCNTY (Also in WDOSD)
<b>MANDATORY:</b>	No
<b>DATA TYPE:</b>	Numeric
<b>LARGEST OR LONGEST VALUE:</b>	99

**DATA VALUES:**

This field contains a code representing the state or outlying area in which the organization operates data collection sites. A complete list of state or outlying area codes is contained in the Federal Information Processing Standards (FIPS) Publication 5-1, "States and Outlying Areas of the United States," dated June 15, 1970.

**GENERAL DESCRIPTION:**

The STATE field has a value for those states or outlying areas in which there are sites for which the organization has data. It bears no relationship to the location of the organization.

<b>FIELD NAME:</b>	COUNTY
<b>IN DATABASE FILE:</b>	WDCNTY
<b>MANDATORY:</b>	Yes
<b>DATA TYPE:</b>	Numeric
<b>LARGEST OR LONGEST VALUE:</b>	840

**DATA VALUES:**

This field contains a code for a county in which the organization operates one or more data collection sites. For sites operated outside the United States, there will be no occurrences in WDCNTY.

**GENERAL DESCRIPTION:**

This field has a value for those counties in which there are one or more data collection sites operated by the organization. The counties must be in the state identified in the STATE field. A complete list of county codes is contained in the Federal Information Processing Standards (FIPS) Publication 6-3, "Counties and County Equivalents of the States of the United States and the District of Columbia," dated December 15, 1979.

Note: Codes used to value this field include independent city codes for the States of Maryland, Missouri, Nevada, and Virginia; division codes for the State of Alaska; and county equivalent codes for American Samoa, Guam, Puerto Rico, and the Virgin Islands.

**DATABASE FILE NAME:**

**WDOS**

**DATABASE FILE DEFINITION:**

Information about other sources of the organization's data. If another organization stores in part or in whole, data available from the organization named in the ORG\_NAME field, and will respond to requests for the data, that organization is an "other source."

**FIELDS:**

NWDX\_AGCY  
OS\_ALT  
OS\_AGCY  
OS\_NAME  
OS\_CONTAC  
OS\_ST  
OS\_CITY  
OS\_STATE  
OS\_ZIP  
OS\_CNTRY  
OS\_PHONE  
OS\_DIR  
OS\_DAT  
OS\_MEDIA

**FIELD NAME:** NWDX\_AGCY  
**IN DATABASE FILE:** WDOS (Also in WDORG)  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 5 characters

**DATA VALUES:**

The NAWDEX agency code varies in length from three to five characters. For federal organizations, it is US followed by a two- or three-character abbreviation of the organization's name. Values for non-federal organizations whose activities are within a given state boundary have a two-character state code followed by a NAWDEX-assigned sequence number. Values for non-federal organizations having activities at the multistate or national level have a three-to five-character abbreviation of the organization name (the characters US will not appear in the first two character positions). Alphabetic state codes are contained in the Federal Information Processing Standards (FIPS) Publication 5-1, dated June 15, 1970, "States and Outlying Areas of the United States." NAWDEX agency codes are presented in the publication, "Identification Codes for Organizations Listed in Computerized Data Systems of the U.S. Geological Survey" which may be obtained from the National Water Data Exchange, U.S. Geological Survey, 421 National Center, Reston, Virginia 22092. Telephone: (703) 648-6848; FTS 959-6848.

**GENERAL DESCRIPTION:**

The NAWDEX agency code is assigned by the NAWDEX Program Office and is the unique identifier for participating federal and non-federal organizations that actively collect and store water data. Non-federal organizations include state, county, and municipal agencies, as well as intergovernmental compacts, private organizations, universities, and any local organizations at other than county or municipal level.

**FIELD NAME:** OS\_ALT  
**IN DATABASE FILE:** WDOS  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** A or P

**DATA VALUES:**

This field contains either an "A" or a "P" depending whether the organization is an alternative source or a preferred source, respectively.

**GENERAL DESCRIPTION:**

An alternative data source is an "other source" which can be contacted instead of the organization that collected the data. A preferred data source is an "other source" which should be contacted instead of the collector organization. A collector organization that does not have the capability to respond to requests for data may appoint another organization as a preferred source. If the collector organization will respond to requests for its data, and its data is also available from another organization, that other organization may be appointed as an alternative source.

All data stored by the collector organization may not be available from the "other source" organization. The OS\_DAT field shows what kinds of data are available from the "other source" organization, and any further qualifications can be explained in comment form in WDOSCOM.

**FIELD NAME:** OS\_AGCY  
**IN DATABASE FILE:** WDOS  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 5 characters

**DATA VALUES:**

This field contains the NAWDEX agency code for the other source organization. The NAWDEX agency code varies in length from three to five characters. For federal organizations it is US followed by a meaningful two- or three-character abbreviation of the organization name. Values for non-federal organizations whose activities are contained within a given state boundary will have a two-character state code followed by a NAWDEX assigned sequence number. Values for non-federal organizations having activities at the multistate or national level have a meaningful three- to five-character abbreviation of the organization name (the letters US will not appear in the first two positions). Alphabetic state codes are contained in the Federal Information Processing Standards (FIPS) Publication 5-1, "States and Outlying Areas of the United States," dated June 15, 1970. NAWDEX agency codes are presented in the publication "Identification Codes for Organizations Listed in Computerized Data Systems of the U.S. Geological Survey," which may be obtained from the National Water Data Exchange, U.S. Geological Survey, 421 National Center, Reston, Virginia 22092.

**GENERAL DESCRIPTION:**

The NAWDEX Program Office assigns the NAWDEX agency code. This code is the unique identifier for the participating federal and non-federal organizations that actively collect and store water data. Non-federal organizations include state, county, and municipal agencies, as well as intergovernmental compacts, private organizations, universities, and any local organizations at other than county or municipal level.

<b>FIELD NAME:</b>	OS_NAME
<b>IN DATABASE FILE:</b>	WDOS
<b>MANDATORY:</b>	Yes
<b>DATA TYPE:</b>	Character
<b>LARGEST OR LONGEST VALUE:</b>	40 characters

**DATA VALUES:**

This field contains up to 40 characters.

**GENERAL DESCRIPTION:**

This field contains the official name of the organization.

**FIELD NAME:** OS\_CONTAC

**IN DATABASE FILE:** WDOS

**MANDATORY:** No

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** 40 characters

**DATA VALUES:**

This field contains up to 40 characters.

**GENERAL DESCRIPTION:**

The contact is the name, or title, of the person or organization, that should be contacted by a requester for obtaining the organization's data that are indexed in NAWDEX.



<b>FIELD NAME:</b>	OS_ST
<b>IN DATABASE FILE:</b>	WDOS
<b>MANDATORY:</b>	No
<b>DATA TYPE:</b>	Character
<b>LARGEST OR LONGEST VALUE:</b>	40 characters

**DATA VALUES:**

This field contains up to 40 characters.

**GENERAL DESCRIPTION:**

This field contains the street address or post office box number of the contact named in the OS\_CONTAC field. It is the address to which a requester should send a letter asking for the organization's data indexed in NAWDEX.

<b>FIELD NAME:</b>	OS_CITY
<b>IN DATABASE FILE:</b>	WDOS
<b>MANDATORY:</b>	No
<b>DATA TYPE:</b>	Character
<b>LARGEST OR LONGEST VALUE:</b>	30 characters

**DATA VALUES:**

This field contains up to 30 characters.

**GENERAL DESCRIPTION:**

This field contains the city in which the organization is located. The city name accompanies the address and, therefore, should be the name of the city used for mailing.

**FIELD NAME:** OS\_STATE

**IN DATABASE FILE:** WDOS

**MANDATORY:** No

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** WY

**DATA VALUES:**

This field contains a postal code identifying the state in which the organization is located.

**GENERAL DESCRIPTION:**

Postal codes are alphabetic state abbreviations recognized by the U.S. Postal Service as part of a mailing address. The OS\_STATE field has a value only if the organization is located within the United States or one of its territories. If the organization is outside the United States, this field has no value.

**FIELD NAME:** OS\_ZIP  
**IN DATABASE FILE:** WDOS  
**MANDATORY:** No  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 9999999999

**DATA VALUES:**

This field contains up to ten digits and/or characters which is the U.S. Postal ZIP code or foreign postal code of the organization.

**GENERAL DESCRIPTION:**

The ZIP code is a geographic code that identifies areas within the United States and its possessions for simplifying the distribution of mail by the U.S. Postal Service. The ZIP code alignments do not adhere to boundaries of cities, counties, states, or other jurisdictions. For organizations outside the United States and its territories, the foreign postal code, if applicable, has a value in the format of its local usage.

**FIELD NAME:** OS\_CNTRY  
**IN DATABASE FILE:** WDOS  
**MANDATORY:** No  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 30 characters

**DATA VALUES:**

This field contains the name of the country in which the organization is located. If the organization is in the United States, use "USA" for an abbreviation. For non-United States countries, store the full name of the country in this field.

**GENERAL DESCRIPTION:**

The name of the country applies to the country in which the organization is physically located. It is the name that would be part of a mailing address on correspondence addressed to the organization. It bears no relationship to the data holdings of the organization.

<b>FIELD NAME:</b>	<b>OS_PHONE</b>
<b>IN DATABASE FILE:</b>	<b>WDOS</b>
<b>MANDATORY:</b>	<b>No</b>
<b>DATA TYPE:</b>	<b>Character</b>
<b>LARGEST OR LONGEST VALUE:</b>	<b>999-999-9999</b>

**DATA VALUES:**

This field contains the telephone number of the contact named in the OS\_CONTAC field. If the office is within the United States or one of its territories, the number consists of a three-digit area code, followed by a dash, and followed by the seven digits of the local telephone number. A dash appears between the third and fourth digits of the local number. If the office is outside the United States, store the correct telephone number in whatever format required.

**GENERAL DESCRIPTION:**

This field contains the telephone number to call the office and its contact.

**FIELD NAME:** OS\_DIR  
**IN DATABASE FILE:** WDOS  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 10 characters

**DATA VALUES:**

<u>Code</u>	<u>Meaning</u>
W	Water Data Sources Directory
R	Water-related Data Sources Directory
O	Directory of Water Resources Organizations

**GENERAL DESCRIPTION:**

The OS\_DIR field contains a combination of 1 to 10 codes, left-justified, used in retrieving specified types of directories. Each code may occur only once in this field. The NAWDEX Program Office will add codes, as the need arises, to meet future directory needs.

**FIELD NAME:** OS\_DAT  
**IN DATABASE FILE:** WDOS  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 6 characters

**DATA VALUES:**

This field contains one or more alphabetic codes showing what kinds of data from the collector organization are available from the "other source" organization. Use one to six codes.

**GENERAL DESCRIPTION:**

<u>Code</u>	<u>Meaning</u>
D	Geologic Descriptions - Information describing the geology of the area around data collection sites is available.
G	Ground Water Quality - Water quality data from ground-water sites are available.
L	Ground Water Level - Water-level measurements from ground-water sites are available.
P	Ground Water Pumpage - Pumpage measurements (drawdown volume) from ground-water sites are available.
Q	Surface Water Quantity - Water-quantity data from surface-water sites are available.
S	Surface Water Quality Stations - Water-quality data from surface-water sites are available.



**FIELD NAME:** OS\_MEDIA

**IN DATABASE FILE:** WDOS

**MANDATORY:** No

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** P

**DATA VALUES:**

This field contains a code that describes the type(s) of media used to store the organization's hydrologic data.

**GENERAL DESCRIPTION:**

<u>Code</u>	<u>Meaning</u>
C	Computer recognizable - The data are stored on media that can be read by a computer. This might be punched cards, paper tape, magnetic tape, magnetic disk, drum, or some similar device.
D	Computer and published - Data are stored in both computer recognizable and published form.
E	Computer and microform - Data are stored in both computer recognizable and microform formats.
F	Computer, published, and microform - Data are stored in computer recognizable, published, and microform formats.
G	Published and microform - Data are stored in both published and microform formats.
M	Microform - Printed data which are stored in reduced size on roll microfilm, microfiche, aperture cards, or some other type of microfilm.
P	Published - The data are available in printed form.

**DATABASE FILE NAME:**

**WDOSCOM**

**DATABASE FILE DEFINITION:**

General information about an "other source" organization and its data holdings

**FIELDS:**

NWDX\_AGCY  
OS\_AGCY  
OSCOM

**FIELD NAME:** NWDX\_AGCY  
**IN DATABASE FILE:** WDOSCOM (Also in WDORG)  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 5 characters

**DATA VALUES:**

The NAWDEX agency code varies in length from three to five characters. For federal organizations, it is US followed by a two- or three-character abbreviation of the organization's name. Values for non-federal organizations whose activities are within a given state boundary have a two-character state code followed by a NAWDEX-assigned sequence number. Values for non-federal organizations having activities at the multistate or national level have a three-to five-character abbreviation of the organization name (the characters US will not appear in the first two character positions). Alphabetic state codes are contained in the Federal Information Processing Standards (FIPS) Publication 5-1, dated June 15, 1970, "States and Outlying Areas of the United States." NAWDEX agency codes are presented in the publication, "Identification Codes for Organizations Listed in Computerized Data Systems of the U.S. Geological Survey" which may be obtained from the National Water Data Exchange, U.S. Geological Survey, 421 National Center, Reston, Virginia 22092. Telephone: (703) 648-6848; FTS 959-6848.

**GENERAL DESCRIPTION:**

The NAWDEX agency code is assigned by the NAWDEX Program Office and is the unique identifier for participating federal and non-federal organizations that actively collect and store water data. Non-federal organizations include state, county, and municipal agencies, as well as intergovernmental compacts, private organizations, universities, and any local organizations at other than county or municipal level.

**FIELD NAME:** OS\_AGCY

**IN DATABASE FILE:** WDOSCOM (Also in WDOS)

**MANDATORY:** Yes

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** 5 characters

**DATA VALUES:**

This is the NAWDEX agency code for the other source organization. The NAWDEX agency code varies in length from three to five characters. For federal organizations it is US followed by a meaningful two- or three-character abbreviation of the organization name. Values for non-federal organizations whose activities are contained within a given state boundary will have a two-character state code followed by a NAWDEX assigned sequence number. Values for non-federal organizations having activities at the multistate or national level have a meaningful three- to five-character abbreviation of the organization name (the letters US will not appear in the first two positions). Alphabetic state codes are contained in the Federal Information Processing Standards (FIPS) Publication 5-1, "States and Outlying Areas of the United States," dated June 15, 1970. NAWDEX agency codes are presented in the publication "Identification Codes for Organizations Listed in Computerized Data Systems of the U.S. Geological Survey," which may be obtained from the National Water Data Exchange, U.S. Geological Survey, 421 National Center, Reston, Virginia 22092.

**GENERAL DESCRIPTION:**

The NAWDEX Program Office assigns the NAWDEX agency code. The agency code is the unique identifier for the participating federal and non-federal organizations that actively collect and store water data. Non-federal organizations include state, county, and municipal agencies, as well as intergovernmental compacts, private organizations, universities, and any local organizations at other than county or municipal level.

**FIELD NAME:** OSCOM  
**IN DATABASE FILE:** WDOSCOM  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 40 characters

**DATA VALUES:**

This field consists of up to 10 comment lines about the other source organization and its data holdings.

**GENERAL DESCRIPTION:**

The purpose of this field is to provide a means of storing general information about an "other source" organization and its data holdings. The information may include anything that would potentially be of interest to a user of NAWDEX.

**DATABASE FILE NAME:**

WDMLO

**DATABASE FILE DEFINITION:**

Information about individuals within the organization that should be consulted on water-data acquisition, coordination, and indexing activities. Information may also be provided about individuals that serve as liaison officials in other water-related matters as the need arises.

**FIELDS:**

NWDX\_AGCY  
LCODE  
LTITLE  
LNAME  
LCONTAC  
LSTREET  
LCITY  
LSTATEA  
LZIP  
LCONAME  
LPHONE  
LDIR

**FIELD NAME:** NWDX\_AGCY  
**IN DATABASE FILE:** WDMLO (Also in WDORG)  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 5 characters

**DATA VALUES:**

The NAWDEX agency code varies in length from three to five characters. For federal organizations, it is US followed by a two- or three-character abbreviation of the organization's name. Values for non-federal organizations whose activities are within a given state boundary have a two-character state code followed by a NAWDEX-assigned sequence number. Values for non-federal organizations having activities at the multistate or national level have a three-to five-character abbreviation of the organization name (the characters US will not appear in the first two character positions). Alphabetic state codes are contained in the Federal Information Processing Standards (FIPS) Publication 5-1, dated June 15, 1970, "States and Outlying Areas of the United States." NAWDEX agency codes are presented in the publication, "Identification Codes for Organizations Listed in Computerized Data Systems of the U.S. Geological Survey" which may be obtained from the National Water Data Exchange, U.S. Geological Survey, 421 National Center, Reston, Virginia 22092. Telephone: (703) 648-6848; FTS 959-6848.

**GENERAL DESCRIPTION:**

The NAWDEX agency code is assigned by the NAWDEX Program Office and is the unique identifier for participating federal and non-federal organizations that actively collect and store water data. Non-federal organizations include state, county, and municipal agencies, as well as intergovernmental compacts, private organizations, universities, and any local organizations at other than county or municipal level.

**FIELD NAME:** LCODE  
**IN DATABASE FILE:** WDMLO  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 9 characters

**DATA VALUES:**

The NAWDEX Program Office assigns the liaison office code which consists of a 9-character code. The first two characters of the code consists of two digits representing the state or two letters representing the country in which the office is located; the next five characters consist of five digits representing the city or place in which the office is located; and the next two characters consist of an arbitrary two-digit sequence number to uniquely identify multiple offices within the same city or place. A complete list of country codes is contained in the Federal Information Processing Standards (FIPS) Publication 10-2, "Countries, Dependencies, and Areas of Special Sovereignty", dated 1976; a complete list of state codes is contained in the Federal Information Processing Standards (FIPS) Publication 5-1, "States and Outlying areas of the United States," dated 1970; and a complete list of city and place codes is contained in the Federal Information Processing Standards (FIPS) Publication 55, "Codes for Named Populated Places and Related Entities of the States of the United States," dated 1978.

**GENERAL DESCRIPTION:**

The NAWDEX Program Office assigns the liaison office code which is used to retrieve addresses of liaison offices from the WDSD database. The code for an office is unique within an organization but is not necessarily unique across the database.



<b>FIELD NAME:</b>	LTITLE
<b>IN DATABASE FILE:</b>	WDMLO
<b>MANDATORY:</b>	No
<b>DATA TYPE:</b>	Character
<b>LARGEST OR LONGEST VALUE:</b>	40 characters

**DATA VALUES:**

This field contains up to 40 characters.

**GENERAL DESCRIPTION:**

This field contains the official name of the office in which the liaison official occupies, the title of the liaison official, or a combination of these, as appropriate.

<b>FIELD NAME:</b>	LNAME
<b>IN DATABASE FILE:</b>	WDMLO
<b>MANDATORY:</b>	No
<b>DATA TYPE:</b>	Character
<b>LARGEST OR LONGEST VALUE:</b>	40 characters

**DATA VALUES:**

The name of the office contains up to 40 characters.

**GENERAL DESCRIPTION:**

This field contains the official name of the office within the organization in which the liaison official occupies.

<b>FIELD NAME:</b>	LCONTAC
<b>IN DATABASE FILE:</b>	WDMLO
<b>MANDATORY:</b>	No
<b>DATA TYPE:</b>	Character
<b>LARGEST OR LONGEST VALUES:</b>	40 characters

**DATA VALUES:**

This field contains up to 40 characters.

**GENERAL DESCRIPTION:**

The contact is the name of the person within the organization to contact on matters related to water-data acquisition, coordination, and indexing, or other matters as defined by the LDIR field.

<b>FIELD NAME:</b>	LSTREET
<b>IN DATABASE FILE:</b>	WDMLO
<b>MANDATORY:</b>	No
<b>DATA TYPE:</b>	Character
<b>LARGEST OR LONGEST VALUE:</b>	40 characters

**DATA VALUES:**

This field contains up to 40 characters.

**GENERAL DESCRIPTION:**

This field contains the street address or post office box number of the office of the liaison official.

<b>FIELD NAME:</b>	LCITY
<b>IN DATABASE FILE:</b>	WDMLO
<b>MANDATORY:</b>	No
<b>DATA TYPE:</b>	Character
<b>LARGEST OR LONGEST VALUE:</b>	30 characters

**DATA VALUES:**

This field contains up to 30 characters.

**GENERAL DESCRIPTION:**

This field contains the city in which the liaison office is located. The city name accompanies the address (the LSTREET field) and, therefore, should be the name of the city used for mailing.

**FIELD NAME:** LSTATEA

**IN DATABASE FILE:** WDMLO

**MANDATORY:** No

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** WY

**DATA VALUES:**

This field contains a postal code abbreviation that identifies the state in which the liaison office is located.

**GENERAL DESCRIPTION:**

Postal codes are alphabetic state abbreviations recognized by the U.S. Postal Service as part of a mailing address. The LSTATEA field has a value only if the office is located within the United States or one of its territories. If the office is outside the United States, this field has no value.

**FIELD NAME:** LZIP  
**IN DATABASE FILE:** WDMLO  
**MANDATORY:** No  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 9999999999

**DATA VALUES:**

This field contains up to ten digits and/or characters which is the U.S. Postal ZIP code or foreign postal code of the organization.

**GENERAL DESCRIPTION:**

The ZIP code is a geographic code that identifies areas within the United States and its possessions for simplifying the distribution of mail by the U.S. Postal Service. The ZIP code alignments do not adhere to boundaries of cities, counties, states, or other jurisdictions. For organizations outside the United States and its territories, the foreign postal code, if applicable, is formatted according to its local usage.

<b>FIELD NAME:</b>	LCONAME
<b>IN DATABASE FILE:</b>	WDMLO
<b>MANDATORY:</b>	No
<b>DATA TYPE:</b>	Character
<b>LARGEST OR LONGEST VALUE:</b>	30 characters

**DATA VALUES:**

This field contains the name of the country in which the liaison office is located. If the office is in the United States, use "USA" as an abbreviation. For non-United States countries, store the full name of the country in this field.

**GENERAL DESCRIPTION:**

The name of the country applies to the country in which the office is physically located. It is the name that is part of the mailing address on correspondence addressed to the office.



**FIELD NAME:** LPHONE  
**IN DATABASE FILE:** WDMLO  
**MANDATORY:** No  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 999-999-9999

**DATA VALUES:**

This field contains the telephone number of the liaison office. If the office is within the United States or one of its territories, the number consists of a three-digit area code, followed by a dash, followed by the seven digits of the local telephone number. A dash appears between the third and fourth digits of the local number. If the office is outside the United States, format as required.

**GENERAL DESCRIPTION:**

This is the telephone number to call the liaison official.

**FIELD NAME:** LDIR  
**IN DATABASE FILE:** WDMLO  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 10 characters

**DATA VALUES:**

<u>Code</u>	<u>Meaning</u>
L	Directory of Liaison Officials
I	Directory of Indexing Officials
N	Directory of Water-Use Liaison Officials

**GENERAL DESCRIPTION:**

The LDIR field contains a combination of 1 to 10 codes, left-justified, used in retrieving specified types of directories. Each code may occur only once in this field. The NAWDEX Program Office will add codes, as the need arises, to meet future directory needs.

**DATABASE FILE NAME:**

**WDLSTAT**

**DATABASE FILE DEFINITION:**

Information about the geographic areas in which the liaison officials identified in the LCONTAC field has jurisdiction

**FIELDS:**

**NWDX\_AGCY**

**LCODE**

**LSTATE**

**FIELD NAME:** NWDX\_AGCY  
**IN DATABASE FILE:** WDLSTAT (Also in WDORG)  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 5 characters

**DATA VALUES:**

The NAWDEX agency code varies in length from three to five characters. For federal organizations, it is US followed by a two- or three-character abbreviation of the organization's name. Values for non-federal organizations whose activities are within a given state boundary have a two-character state code followed by a NAWDEX-assigned sequence number. Values for non-federal organizations having activities at the multistate or national level have a three-to five-character abbreviation of the organization name (the characters US will not appear in the first two character positions). Alphabetic state codes are contained in the Federal Information Processing Standards (FIPS) Publication 5-1, dated June 15, 1970, "States and Outlying Areas of the United States." NAWDEX agency codes are presented in the publication, "Identification Codes for Organizations Listed in Computerized Data Systems of the U.S. Geological Survey" which may be obtained from the National Water Data Exchange, U.S. Geological Survey, 421 National Center, Reston, Virginia 22092. Telephone: (703) 648-6848; FTS 959-6848.

**GENERAL DESCRIPTION:**

The NAWDEX agency code is assigned by the NAWDEX Program Office and is the unique identifier for participating federal and non-federal organizations that actively collect and store water data. Non-federal organizations include state, county, and municipal agencies, as well as intergovernmental compacts, private organizations, universities, and any local organizations at other than county or municipal level.

**FIELD NAME:** LCODE  
**IN DATABASE FILE:** WDLSTAT (Also in WDMLO)  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 9 characters

**DATA VALUES:**

The NAWDEX Program Office assigns the liaison office code which consists of a 9-character code. The first two characters of the code consists of two digits representing the state or two letters representing the country in which the office is located; the next five characters consist of five digits representing the city or place in which the office is located; and the next two characters consist of an arbitrary two-digit sequence number to uniquely identify multiple offices within the same city or place. A complete list of country codes is contained in the Federal Information Processing Standards (FIPS) Publication 10-2, "Countries, Dependencies, and Areas of Special Sovereignty", dated 1976; a complete list of state codes is contained in the Federal Information Processing Standards (FIPS) Publication 5-1, "States and Outlying areas of the United States," dated 1970; and a complete list of city and place codes is contained in the Federal Information Processing Standards (FIPS) Publication 55, "Codes for Named Populated Places and Related Entities of the States of the United States," dated 1978.

**GENERAL DESCRIPTION:**

The NAWDEX Program Office assigns the liaison office code used to retrieve addresses of liaison offices from the WDSD database. The code for an office is unique within an organization but is not necessarily unique across the database.

<b>FIELD NAME:</b>	LSTATE
<b>IN DATABASE FILE:</b>	WDLSTAT
<b>MANDATORY:</b>	Yes
<b>DATA TYPE:</b>	Numeric
<b>LARGEST OR LONGEST VALUE:</b>	99

**DATA VALUES:**

This field contains a code representing a state within which the liaison official identified in the LCONTAC field has jurisdiction.

**GENERAL DESCRIPTION:**

State codes are contained in the Federal Information Processing Standards (FIPS) Publication 5-1, "States and Outlying Areas of the United States," dated June 15, 1970.

**DATABASE FILE NAME:**

WDLNUS

**DATABASE FILE DEFINITION:**

Information about the geographic areas in which the liaison official identified in the LCONTAC field has jurisdiction

**FIELDS:**

NWDX\_AGCY  
LCODE  
LNUS\_CNTRY

**FIELD NAME:** NWDX\_AGCY  
**IN DATABASE FILE:** WDLNUS (Also in WDORG)  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 5 characters

**DATA VALUES:**

The NAWDEX agency code varies in length from three to five characters. For federal organizations, it is US followed by a two- or three-character abbreviation of the organization's name. Values for non-federal organizations whose activities are within a given state boundary have a two-character state code followed by a NAWDEX-assigned sequence number. Values for non-federal organizations having activities at the multistate or national level have a three-to five-character abbreviation of the organization name (the characters US will not appear in the first two character positions). Alphabetic state codes are contained in the Federal Information Processing Standards (FIPS) Publication 5-1, dated June 15, 1970, "States and Outlying Areas of the United States." NAWDEX agency codes are presented in the publication, "Identification Codes for Organizations Listed in Computerized Data Systems of the U.S. Geological Survey" which may be obtained from the National Water Data Exchange, U.S. Geological Survey, 421 National Center, Reston, Virginia 22092. Telephone: (703) 648-6848; FTS 959-6848.

**GENERAL DESCRIPTION:**

The NAWDEX agency code is assigned by the NAWDEX Program Office and is the unique identifier for participating federal and non-federal organizations that actively collect and store water data. Non-federal organizations include state, county, and municipal agencies, as well as intergovernmental compacts, private organizations, universities, and any local organizations at other than county or municipal level.



**FIELD NAME:** LCODE  
**IN DATABASE FILE:** WDLNUS (Also in WDMLO)  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 9 characters

**DATA VALUES:**

The NAWDEX Program Office assigns the liaison office code which consists of a 9-character code. The first two characters of the code consists of two digits representing the state or two letters representing the country in which the office is located; the next five characters consist of five digits representing the city or place in which the office is located; and the next two characters consist of an arbitrary two-digit sequence number to uniquely identify multiple offices within the same city or place. A complete list of country codes is contained in the Federal Information Processing Standards (FIPS) Publication 10-2, "Countries, Dependencies, and Areas of Special Sovereignty dated 1976; a complete list of state codes is contained in the Federal Information Processing Standards (FIPS) Publication 5-1, "States and Outlying areas of the United States," dated 1970; and a complete list of city and place codes is contained in the Federal Information Processing Standards (FIPS) Publication 55, "Codes for Named Populated Places and Related Entities of the States of the United States," dated 1978.

**GENERAL DESCRIPTION:**

The NAWDEX Program Office assigns the liaison office code used to retrieve addresses of liaison offices from the WDSD database. The code for an office is unique within an organization but is not necessarily unique across the database.

**FIELD NAME:** LNUS\_CNTRY

**IN DATABASE FILE:** WDLNUS

**MANDATORY:** No

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** 2 characters

**DATA VALUES:**

This field contains a code representing a country other than the United States within which the liaison official identified in the LCONTAC field, has jurisdiction.

**GENERAL DESCRIPTION:**

The liaison non-United States country code has a value only if the liaison official has jurisdiction outside the United States. Country codes are contained in the Federal Information Processing Standards (FIPS) Publication 10-2, "Countries, Dependencies, and Areas of Special Sovereignty," dated 1976.

**DATABASE FILE NAME:**

**WDLCOM**

**DATABASE FILE DEFINITION:**

General information about the liaison activities

**FIELDS:**

**NWDX\_AGCY**

**LCODE**

**LCOM**

**FIELD NAME:** NWDX\_AGCY  
**IN DATABASE FILE:** WDLCOM (Also in WDORG)  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 5 characters

**DATA VALUES:**

The NAWDEX agency code varies in length from three to five characters. For federal organizations, it is US followed by a two- or three-character abbreviation of the organization's name. Values for non-federal organizations whose activities are within a given state boundary have a two-character state code followed by a NAWDEX-assigned sequence number. Values for non-federal organizations having activities at the multistate or national level have a three-to five-character abbreviation of the organization name (the characters US will not appear in the first two character positions). Alphabetic state codes are contained in the Federal Information Processing Standards (FIPS) Publication 5-1, dated June 15, 1970, "States and Outlying Areas of the United States." NAWDEX agency codes are presented in the publication, "Identification Codes for Organizations Listed in Computerized Data Systems of the U.S. Geological Survey" which may be obtained from the National Water Data Exchange, U.S. Geological Survey, 421 National Center, Reston, Virginia 22092. Telephone: (703) 648-6848; FTS 959-6848.

**GENERAL DESCRIPTION:**

The NAWDEX agency code is assigned by the NAWDEX Program Office and is the unique identifier for participating federal and non-federal organizations that actively collect and store water data. Non-federal organizations include state, county, and municipal agencies, as well as intergovernmental compacts, private organizations, universities, and any local organizations at other than county or municipal level.

**FIELD NAME:** LCODE

**IN DATABASE FILE:** WDLNUS (Also in WDMLO)

**MANDATORY:** Yes

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** 9 characters

**DATA VALUES:**

The NAWDEX Program Office assigns the liaison office code which consists of a 9-character code. The first two characters of the code consists of two digits representing the state or two letters representing the country in which the office is located; the next five characters consist of five digits representing the city or place in which the office is located; and the next two characters consist of an arbitrary two-digit sequence number to uniquely identify multiple offices within the same city or place. A complete list of country codes is contained in the Federal Information Processing Standards (FIPS) Publication 10-2, "Countries, Dependencies, and Areas of Special Sovereignty", dated 1976; a complete list of state codes is contained in the Federal Information Processing Standards (FIPS) Publication 5-1, "States and Outlying areas of the United States," dated 1970; and a complete list of city and place codes is contained in the Federal Information Processing Standards (FIPS) Publication 55, "Codes for Named Populated Places and Related Entities of the States of the United States," dated 1978.

**GENERAL DESCRIPTION:**

The NAWDEX Program Office assigns the liaison office code used to retrieve addresses of liaison offices from the WDSO database. The code for an office is unique within an organization but is not necessarily unique across the database.

**FIELD NAME:** LCOM  
**IN DATABASE FILE:** WDLCOM  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 40 characters

**DATA VALUES:**

This field contains comments about the liaison office and its data.

**GENERAL DESCRIPTION:**

The purpose of this field is to provide a means of storing information about a liaison office and its data holdings. The information may include anything that would potentially be of interest to a user of NAWDEX.

**DATABASE FILE NAME:**

**WDMWDI**

**DATABASE FILE DEFINITION:**

Information on the total number of an organization's data collection sites about which data are stored in the Master Water Data Index (MWDI) data base of the National Water Data Exchange (NAWDEX)

**FIELDS:**

NWDX\_AGCY  
MNUS\_CNTRY  
MSTATE  
MSW\_QTTY  
MSW\_QNTY  
MGW\_QTTY  
MGW\_LVL  
MGW\_PUMP  
MGLGC  
MWTR\_USE  
MMET\_DAT  
MDIR

**FIELD NAME:** NWDX\_AGCY

**IN DATABASE FILE:** WDMWDI (Also in WDORG)

**MANDATORY:** Yes

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** 5 characters

**DATA VALUES:**

The NAWDEX agency code varies in length from three to five characters. For federal organizations, it is US followed by a two- or three-character abbreviation of the organization's name. Values for non-federal organizations whose activities are within a given state boundary have a two-character state code followed by a NAWDEX-assigned sequence number. Values for non-federal organizations having activities at the multistate or national level have a three-to five-character abbreviation of the organization name (the characters US will not appear in the first two character positions). Alphabetic state codes are contained in the Federal Information Processing Standards (FIPS) Publication 5-1, dated June 15, 1970, "States and Outlying Areas of the United States." NAWDEX agency codes are presented in the publication, "Identification Codes for Organizations Listed in Computerized Data Systems of the U.S. Geological Survey" which may be obtained from the National Water Data Exchange, U.S. Geological Survey, 421 National Center, Reston, Virginia 22092. Telephone: (703) 648-6848; FTS 959-6848.

**GENERAL DESCRIPTION:**

The NAWDEX agency code is assigned by the NAWDEX Program Office and is the unique identifier for participating federal and non-federal organizations that actively collect and store water data. Non-federal organizations include state, county, and municipal agencies, as well as intergovernmental compacts, private organizations, universities, and any local organizations at other than county or municipal level.



**FIELD NAME:** MNUS\_CNTRY

**IN DATABASE FILE:** WDMWDI

**MANDATORY:** No

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUES:** 2 characters

**DATA VALUES:**

This field contains a country code if the organization has sites in the Master Water Data Index (MWDI) database that are physically located outside the United States. If the organization's sites are within the United States, this field is not valued. A complete list of country codes contained in the Federal Information Processing Standards (FIPS) Publication 10-2, "Countries, Dependencies, and Areas of Special Sovereignty," dated 1976.

**GENERAL DESCRIPTION:**

This field is valued only if the organization operates sites outside the boundaries of the United States and its territories and if one or more of those sites are indexed in the MWDI database. It bears no relationship to the location of the organization or to the organization's sites outside the United States that are not indexed in the MWDI.

**FIELD NAME:** MSTATE  
**IN DATABASE FILE:** WDMWDI  
**MANDATORY:** Yes  
**DATA TYPE:** Numeric  
**LARGEST OR LONGEST VALUES:** 99

**DATA VALUES:**

This field contains a code representing a state or outlying area in which the organization operates sites, as long as one or more of those sites are indexed in the Master Water Data Index. A complete list of state and outlying area codes is contained in the Federal Information Processing Standards (FIPS) Publication, "States and Outlying Areas of the United States," dated June 15, 1970.

**GENERAL DESCRIPTION:**

The MSTATE field is valued for those states or outlying areas in which the organization operates sites that are indexed in the Master Water Data Index (MWDI). It bears no relationship to the location of the organization or to the organization's sites that are not indexed in the MWDI.

**FIELD NAME:** MSW\_QLTY  
**IN DATABASE FILE:** WDMWDI  
**MANDATORY:** No  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 9999999

**DATA VALUES:**

This field contains the total number of surface-water-quality sites operated by the organization that are located in the state identified in the MSTATE field (or country identified in the MNUS\_CNTRY field) and are indexed in the Master Water Data Index (MWDI). For the same organization and state/country, the value in the MSW\_QLTY field must be less than or equal to the value in the SW\_QLTY field.

**GENERAL DESCRIPTION:**

The purpose of this field is to provide information on the number of the organization's surface-water-quality sites that are indexed in the MWDI. It should not be confused with the SW\_QLTY field, which is the total number of surface-water-quality sites operated by the organization, regardless of how many of them are indexed in the MWDI. If a site is indexed in the MWDI, detailed information about the site is available, including its name, location, period of record, and frequency of collection of the major surface-water-quality variables at the site.

<b>FIELD NAME:</b>	<b>MSW_QNTY</b>
<b>IN DATABASE FILE:</b>	<b>WDMWDI</b>
<b>MANDATORY:</b>	<b>No</b>
<b>DATA TYPE:</b>	<b>Numeric</b>
<b>LARGEST OR LONGEST VALUE:</b>	<b>9999999</b>

**DATA VALUES:**

This field contains the total number of surface-water-quantity sites operated by the organization that are located in the state identified in the MSTATE field (or country identified in the MNUS\_CNTRY field) and are indexed in the Master Water Data Index (MWDI). For the same organization and state/country, the value in the MSW\_QNTY field must be less than or equal to the value in the SW\_QNTY field.

**GENERAL DESCRIPTION:**

The purpose of this field is to provide information on the number of the organization's surface-water-quantity sites that are indexed in the MWDI. It should not be confused with the SW\_QNTY field, which is the total number of surface-water-quantity sites operated by the organization, regardless of how many of them are indexed in the MWDI. If a site is indexed in the MWDI, detailed information about the site is available, including its name, location, period of record, and frequency of collection of the major surface-water-quantity variables at the site.

<b>FIELD NAME:</b>	<b>MGW_QLTY</b>
<b>IN DATABASE FILE:</b>	<b>WDMWDI</b>
<b>MANDATORY:</b>	<b>No</b>
<b>DATA TYPE:</b>	<b>Numeric</b>
<b>LARGEST OR LONGEST KEY:</b>	<b>9999999</b>

**DATA VALUES:**

This field contains the total number of ground-water-quality sites operated by the organization that are located in the state identified in the MSTATE field (or country identified in the MNUS\_CNTRY field and are indexed in the Master Water Data Index. For the same organization and state/country, the value in the MGW\_QLTY field must be less than or equal to the value in the GW\_QLTY field.

**GENERAL DESCRIPTION:**

The purpose of this field is to provide information on the number of the organization's ground-water-quality sites that are indexed in the MWDI. It should not be confused with the GW\_QLTY field, which is the total number of ground-water-quality sites operated by the organization, regardless of how many of them are indexed in the MWDI. If a site is indexed in the MWDI, detailed information about the site is available, including its name, location, period of record, and frequency of collection of the major ground-water-quality variables at the site.

**FIELD NAME:** MGW\_LVL  
**IN DATABASE FILE:** WDMWDI  
**MANDATORY:** No  
**DATA TYPE:** Numeric  
**LARGEST OR LONGEST VALUE:** 9999999

**DATA VALUES:**

This field contains the total number of ground-water-level sites operated by the organization that are located in the state identified in the MSTATE field (or country identified in the MNUS\_CNTRY field) and are indexed in the Master Water Data Index (MWDI). For the same organization and state/country, the value in the MGW\_LVL field must be less than or equal to the value in the GW\_LVL field.

**GENERAL DESCRIPTION:**

The purpose of this field is to provide information on the organization's ground-water-level sites that are indexed in the MWDI. It should not be confused with the GW\_LVL field, which is the total number of ground-water-level sites operated by the organization, regardless of how many of them are indexed in the MWDI. If a site is indexed in the MWDI, detailed information about the site is available, including its name, location, period of record, and frequency of collection of the ground-water levels at the site.

<b>FIELD NAME:</b>	MGW_PUMP
<b>IN DATABASE FILE:</b>	WDMWDI
<b>MANDATORY:</b>	No
<b>DATA TYPE:</b>	Numeric
<b>LARGEST OR LONGEST VALUE:</b>	9999999

**DATA VALUES:**

This field contains the total number of ground-water-pumpage sites operated by the organization that are located in the state identified in the MSTATE field (or country identified in the MNUS\_CNTRY field) and indexed in the Master Water Data Index (MWDI). For the same organization and state/country, the value in the MGW\_PUMP field must be less than or equal to the value in the GW\_PUMP field.

**GENERAL DESCRIPTION:**

The purpose of this field is to provide information on the number of the organization's ground-water-pumpage sites that are indexed in the MWDI. It should not be confused with the GW\_PUMP field, which is the total number of ground-water-pumpage sites operated by the organization, regardless of how many of them are indexed in the MWDI. If a site is indexed in the MWDI, detailed information about the site is available, including its name, location, period of record, and frequency of collection of the ground-water-pumpage data at the site.

<b>FIELD NAME:</b>	<b>MGLGC</b>
<b>IN DATABASE FILE:</b>	<b>WDMWDI</b>
<b>MANDATORY:</b>	<b>No</b>
<b>DATA TYPE:</b>	<b>Numeric</b>
<b>LARGEST OR LONGEST VALUE:</b>	<b>9999999</b>

**DATA VALUES:**

This field contains the total number of ground-water sites with geologic descriptions available, that are operated by the organization located in the state identified in the MSTATE field (or country identified in the MNUS\_CNTRY field), and that are indexed in the Master Water Data Index (MWDI). For the same organization and state/country, the value in the MGLGC field must be less than or equal to the value in the GLGC field.

**GENERAL DESCRIPTION:**

The purpose of this field is to provide information on the number of the organization's ground-water sites that are indexed in the MWDI for which there is information describing the geology in which the sites are located. It should not be confused with GLGC, which is the total number of sites with geologic information operated by the organization, regardless of how many of them are indexed in the MWDI. If a site is indexed in the MWDI, detailed information about the site is available, including its name, location, period of record, and the geologic descriptors for the site.



**FIELD NAME:** MWTR\_USE

**IN DATABASE FILE:** WDMWDI

**MANDATORY:** No

**DATA TYPE:** Numeric

**LARGEST OR LONGEST VALUE:** 9999999

**DATA VALUES:**

Water-use data are not currently indexed in the Master Water Data Index. This field is, therefore, reserved for future use.

**FIELD NAME:** MMET\_DAT

**IN DATABASE FILE:** WDMWDI

**MANDATORY:** No

**DATA TYPE:** Numeric

**LARGEST OR LONGEST VALUE:** 9999999

**DATA VALUES:**

This field contains the total number of meteorological sites operated by the organization that are located in the state identified in the MSTATE field (or country identified in the MNUS\_CNTRY field) and are indexed in the Master Water Data Index (MWDI). For the same organization and state/country, the value in the MMET\_DAT field must be less than or equal to the value in the MET\_DAT field.

**GENERAL DESCRIPTION:**

The purpose of this field is to provide information on the number of the organization's meteorological sites that are indexed in the MWDI. It should not be confused with the MET\_DAT field, which is the total number of meteorological sites operated by the organization regardless of how many of them are indexed in the MWDI. If a site is indexed in the MWDI, detailed information about the site is available, including its name, location, period of record, and the frequency of collection of the major meteorological variables at the site.

**FIELD NAME:** MDIR  
**IN DATABASE FILE:** WDMWDI  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 10 characters

**DATA VALUES:**

<u>Code</u>	<u>Meaning</u>
W	Water Data Sources Directory
R	Water-related Data Sources Directory
O	Directory of Water Resources Organizations

**GENERAL DESCRIPTION:**

The MDIR field contains a combination of 1 to 10 codes, left-justified, used in retrieving specified types of directories. Each code may occur only once in this field. Additional codes will be added by the NAWDEX Program Office, as the need arises, to meet future directory needs.

**DATABASE FILE NAME:**

**WDMCNTY**

**DATABASE FILE DEFINITION:**

Identifies the counties in which the organization operates sites that are indexed in the Master Water Data Index

**FIELDS:**

NWDX\_AGCY  
MSTATE  
MCNTY

**FIELD NAME:** NWDX\_AGCY  
**IN DATABASE FILE:** WDMCNTY (Also in WDORG)  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 5 characters

**DATA VALUES:**

The NAWDEX agency code varies in length from three to five characters. For federal organizations, it is US followed by a two- or three-character abbreviation of the organization's name. Values for non-federal organizations whose activities are within a given state boundary have a two-character state code followed by a NAWDEX-assigned sequence number. Values for non-federal organizations having activities at the multistate or national level have a three-to five-character abbreviation of the organization name (the characters US will not appear in the first two character positions). Alphabetic state codes are contained in the Federal Information Processing Standards (FIPS) Publication 5-1, dated June 15, 1970, "States and Outlying Areas of the United States." NAWDEX agency codes are presented in the publication, "Identification Codes for Organizations Listed in Computerized Data Systems of the U.S. Geological Survey" which may be obtained from the National Water Data Exchange, U.S. Geological Survey, 421 National Center, Reston, Virginia 22092. Telephone: (703) 648-6848; FTS 959-6848.

**GENERAL DESCRIPTION:**

The NAWDEX agency code is assigned by the NAWDEX Program Office and is the unique identifier for participating federal and non-federal organizations that actively collect and store water data. Non-federal organizations include state, county, and municipal agencies, as well as intergovernmental compacts, private organizations, universities, and any local organizations at other than county or municipal level.

<b>FIELD NAME:</b>	MSTATE
<b>IN DATABASE FILE:</b>	WDMCNTY (Also in WDMWDI)
<b>MANDATORY:</b>	Yes
<b>DATA TYPE:</b>	Numeric
<b>LARGEST OR LONGEST VALUES:</b>	99

**DATA VALUES:**

This field contains a code representing a state or outlying area in which the organization operates sites, as long as one or more of those sites are indexed in the Master Water Data Index. A complete list of state and outlying area codes is contained in the Federal Information Processing Standards (FIPS) Publication, "States and Outlying Areas of the United States," dated June 15, 1970.

**GENERAL DESCRIPTION:**

The MSTATE field is valued for those states or outlying areas in which the organization operates sites that are indexed in the Master Water Data Index (MWDI). It bears no relationship to the location of the organization or to the organization's sites that are not indexed in the MWDI.

**FIELD NAME:** MCNTY  
**IN DATABASE FILE:** WDMCNTY (Also in WDMWDI)  
**MANDATORY:** Yes  
**DATA TYPE:** Numeric  
**LARGEST OR LONGEST VALUE:** 840

**DATA VALUES:**

This field contains a code for a county in which the organization operates one or more sites that are indexed in the Master Water Data Index. For sites operated outside the United States, there will be no occurrences in the WDMCNTY database file.

**GENERAL DESCRIPTION:**

This field is valued for those counties in which there are one or more data collection sites operated by the organization, if those sites are indexed in the MWDI. The counties must be in the state identified in the MSTATE field. A complete list of county codes is contained in the Federal Information Processing Standards (FIPS) publication 6-3, "Counties and County Equivalents of the States of the United States and the District of Columbia," dated December 15, 1979.

Note: Codes used to value this field include independent city codes for the States of Maryland, Missouri, Nevada, and Virginia; division codes for the State of Alaska; and county equivalents of Puerto Rico and the Virgin Islands.

**DATABASE FILE NAME:**

**WDWRD**

**DATABASE FILE DEFINITION:**

Information about water-related data that are collected and made available by the organization. Examples of water-related data include meteorological, water use, land use, oceanographic, and agricultural, demographic, and other types of data. Water related data are defined as any data having significance to users of water data or to those conducting water-resource projects or investigations.

**FIELDS:**

NWDX\_AGCY  
PARAM\_CD  
BEGIN\_YR  
END\_YR  
NO\_SITES  
NO\_OBS  
GEO\_AREA  
OBS\_FREQ  
STOR\_MEDIA  
OTHR\_SRC  
WRD\_DIR



**FIELD NAME:** NWDX\_AGCY

**IN DATABASE FILE:** WDWRD (Also in WDORG)

**MANDATORY:** Yes

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** 5 characters

**DATA VALUES:**

The NAWDEX agency code varies in length from three to five characters. For federal organizations, it is US followed by a two- or three-character abbreviation of the organization's name. Values for non-federal organizations whose activities are within a given state boundary have a two-character state code followed by a NAWDEX-assigned sequence number. Values for non-federal organizations having activities at the multistate or national level have a three-to five-character abbreviation of the organization name (the characters US will not appear in the first two character positions). Alphabetic state codes are contained in the Federal Information Processing Standards (FIPS) Publication 5-1, dated June 15, 1970, "States and Outlying Areas of the United States." NAWDEX agency codes are presented in the publication, "Identification Codes for Organizations Listed in Computerized Data Systems of the U.S. Geological Survey" which may be obtained from the National Water Data Exchange, U.S. Geological Survey, 421 National Center, Reston, Virginia 22092. Telephone: (703) 648-6848; FTS 959-6848.

**GENERAL DESCRIPTION:**

The NAWDEX agency code is assigned by the NAWDEX Program Office and is the unique identifier for participating federal and non-federal organizations that actively collect and store water data. Non-federal organizations include state, county, and municipal agencies, as well as intergovernmental compacts, private organizations, universities, and any local organizations at other than county or municipal level.

**FIELD NAME:** PARAM\_CD

**IN DATABASE FILE:** WDWRD

**MANDATORY:** No

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** 99999999

**DATA VALUES:**

This field contains a code which identifies the type of water-related data available.

**GENERAL DESCRIPTION:**

The purpose of this field is to identify the individual types of water-related data that may be available from the organization. A different parameter code is assigned to each major category or subcategory of water-related data identified. A complete list of all codes assigned may be obtained from: National Water Data Exchange, U.S. Geological Survey, 421 National Center, Reston, Virginia 22092.

<b>FIELD NAME:</b>	BEGIN_YR
<b>IN DATABASE FILE:</b>	WDWRD
<b>MANDATORY:</b>	No
<b>DATA TYPE:</b>	Character
<b>LARGEST OR LONGEST VALUE:</b>	Current Year

**DATA VALUES:**

This field contains a four-digit value which identifies the year that the water-related data being reported were first collected by the organization.

**GENERAL DESCRIPTION:**

This field identifies the calendar year in which the organization first began to collect the water-related data that are being made available.

**FIELD NAME:** END\_YR  
**IN DATABASE FILE:** WDWRD  
**MANDATORY:** No  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** Current Year

**DATA VALUES:**

This field contains a four-digit value which identifies the year that data-collection activities for the water-related data being reported were ceased. If the organization is currently collecting the water-related data reported, this field is not valued.

**GENERAL DESCRIPTION:**

This field identifies the calendar year in which the organization discontinued collection of the water-related data being reported. If, at a future date, the collection of the water-related data is resumed, the former end date is deleted.

<b>FIELD NAME:</b>	<b>NO_SITES</b>
<b>IN DATABASE FILE:</b>	<b>WDWRD</b>
<b>MANDATORY:</b>	<b>No</b>
<b>DATA TYPE:</b>	<b>Numeric</b>
<b>LARGEST OR LONGEST VALUE</b>	<b>9999999</b>

**DATA VALUES:**

This field contains the total number of sites, if applicable, at which the reported water-related data are, or have been, collected by the organization.

**GENERAL DESCRIPTION:**

The purpose of this field is to provide information on the number of sites at which the organization has the reported water-related data available. Some types of water-related data are collected on an areal or nonpoint source basis. In these cases, this field will not be valued.

**FIELD NAME:** NO\_OBS  
**IN DATABASE FILE:** WDWRD  
**MANDATORY:** No  
**DATA TYPE:** Numeric  
**LARGEST OR LONGEST VALUE:** 99999999

**DATA VALUES:**

This is the total number of occurrences or observations, if applicable, for which the reported water-related data are, or have been, collected and are available.

**GENERAL DESCRIPTION:**

Many types of water-related data are collected on an areal basis and the number-of-sites field is not applicable. The number of occurrences or observations of these data may, then, be reported to indicate the volume of data available to the user.

**FIELD NAME:** GEO\_AREA

**IN DATABASE FILE:** WDWRD

**MANDATORY:** No

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** S

**DATA VALUES:**

This field contains a code that describes the geographic area encompassed by the water-related data reported and available.

**GENERAL DESCRIPTION:**

<u>Code</u>	<u>Meaning</u>
A	Multicounty - Two or more counties, all in the same state, but not encompassing the entire state.
C	One County - All the data available are for a single county.
I	Multicountry (International) - Data from more than one country are available.
M	Multistate (Province) - Data from more than one state or province are available, and all data are for a single country.
N	Nationwide - The available data span an entire country and are limited to that single country.
S	Statewide - The available data span an entire state or province and are limited to that single state or province.

**FIELD NAME:** OBS\_FREQ

**IN DATABASE FILE:** WDWRD

**MANDATORY:** No

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** Z

**DATA VALUES:**

This field contains a code that best describes the frequency at which the water-related data reported are collected or measured.

**GENERAL DESCRIPTION:**

<u>Code</u>	<u>Frequency</u>
A	Annual (Once per year)
B	Other periodic (Less than once per year)
C	Continuous, Year-round - Nonrecorder
D	Continuous, Seasonal - Nonrecorder
E	Eliminated Activity - Data are no longer being collected
I	Continuous, Year-round, Recorder used
J	Continuous, Seasonal, Recorder used
M	Monthly, Year-round
N	Monthly, Seasonal
O	Daily, Year-round
P	Daily, Seasonal
Q	Quarterly, Year-round .
R	Quarterly, Seasonal
S	Semiannual (Twice per year)
U	Unique (One-time only) measurement
W	Weekly, Year-round
X	Weekly, Seasonal
Y	Seasonal (No time period specified)
Z	Data collected at an irregular or unspecified frequency



**FIELD NAME:** STOR\_MEDIA

**IN DATABASE FILE:** WDWRD

**MANDATORY:** No

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** P

**DATA VALUES:**

This field contains a code that describes the type(s) of media used to store the water-related data reported.

**GENERAL DESCRIPTION:**

<u>Code</u>	<u>Meaning</u>
C	Computer recognizable - The data are stored on media that can be read by a computer. This might be punched cards, paper tape, magnetic tape, magnetic disk, drum, or some similar device.
D	Computer and published - Data are stored in both computer recognizable and published form.
E	Computer and microform - Data are stored in both computer recognizable and microform formats.
F	Computer, published, and microform - Data are stored in computer recognizable, published, and microform formats.
G	Published and microform - Data are stored in both published and microform formats.
M	Microform - Printed data which are stored in reduced size on roll microfilm, microfiche, aperture cards, or some other type of microfilm.
P	Published - The data are available in printed form.

**FIELD NAME:** OTHR\_SRC

**IN DATABASE FILE:** WDWRD

**MANDATORY:** No

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** 5 characters

**DATA VALUES:**

This is the NAWDEX Agency Code that identifies another organization that is a source of the organization's water-related data.

**GENERAL DESCRIPTION:**

A complete description of the NAWDEX Agency Code may be found in this dictionary under field NWDX\_AGCY. This is the same code that is also stored in field OS\_AGCY. If this field is valued, the WDOS database file must also be valued.

**FIELD NAME:** WRD\_DIR  
**IN DATABASE FILE:** WDWRD  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 10 characters

**DATA VALUES:**

<u>Code</u>	<u>Meaning</u>
W	Water Data Sources Directory
R	Water-related Data Sources Directory
O	Directory of Water Resources Organizations
L	Directory of Liaison Officials
I	Directory of Indexing Officials

**GENERAL DESCRIPTION:**

The WRD\_DIR field contains a combination of 1 to 10 codes, left-justified, to be used in retrieving specified types of directories. Each code may occur only once in this field. Additional codes will be added by the NAWDEX Program Office, as the need arises, to meet future directory needs.

**DATABASE FILE NAME:**

**WDPARAM**

**DATABASE FILE DEFINITION:**

**A cross reference of parameter codes and their names**

**FIELDS:**

**PARAM\_CD  
PNAME**

<b>FIELD NAME:</b>	PARAM_CD
<b>IN DATABASE FILE:</b>	WDPARAM (Also in WDWRD)
<b>MANDATORY:</b>	No
<b>DATA TYPE:</b>	Character
<b>LARGEST OR LONGEST VALUE:</b>	99999999

**DATA VALUES:**

This field contains a code which identifies the type of water-related data available.

**GENERAL DESCRIPTION:**

The purpose of this field is to identify the individual types of water-related data that may be available from the organization. A different parameter code is assigned to each major category or subcategory of water-related data identified. A complete list of all codes assigned may be obtained from: National Water Data Exchange, U.S. Geological Survey, 421 National Center, Reston, Virginia 22092.

**FIELD NAME:** PNAME

**IN DATABASE FILE:** WDPARAM

**MANDATORY:** No

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** 26 characters

**DATA VALUES:**

This field contains up to a 26-character description of a parameter code.

**GENERAL DESCRIPTION:**

<u>Code</u>	<u>Meaning</u>
00010000	METEOROLOGICAL
00010001	PRECIPITATION
00010002	WIND MOVEMENT
00010003	AIR TEMPERATURE
00010004	PAN EVAPORATION
00010005	LAKE SURFACE EVAP
00010006	AIR QUALITY
00010007	AIR POLLUTANTS
00010008	EMISSIONS DATA
00010010	PRECIP EQUIVALENTS
00010011	SNOWFALL
00010020	RELATIVE HUMIDITY
00010030	CLIMATOLOGICAL DATA
00020000	WATER USE
00020001	WATER USE PUB SUP
00020002	WATER USE RURAL
00020003	WATER USED IRRIGATION
00020004	WATER USE INDUSTRIAL
00020005	WATER USED HYDRO PWR
00020006	STM ELEC PWR PLANT
00020007	WATER USE CEN PIVOT
00020011	RETURN FLOW MUNICIPAL
00020013	RETURN FLOW INDUSTRIAL
00021000	STATE STREAM USE CLASS
00100000	WATER RIGHTS
00100001	WATER RIGHTS PERMITS

00100010	SELF REPORTING DATA
00100012	WATER QUAL PERMIT
00100100	PUBLIC WATER SUP (QUALITY)
00109000	TOPOGRAPHIC DATA
00109001	CARTOGRAPHIC DATA
00109002	DIGITAL CARTO DATA
00109003	SATELLITE IMAGERY
00109010	FLOOD-PRONE AREA MAPS
00109015	GEOLOGIC MAPS
00109020	GEOPHYSICAL MAPS
00109025	HYDROLOGIC MAPS
00109030	LAND-USE MAPS
00109031	LAND COVER MAPS
00109035	MIN & ENGY RES MAPS
00109040	NATIONAL ATLAS
00109045	RIVER SURVEY MAPS
00109050	SATELLITE IMAGE MAPS
00109055	TOPOGRAPHIC MAPS
00109060	WATER RESO DEV MAPS
00109300	AERIAL PHOTOGRAPHS
00109305	SPACE PHOTOGRAPHS
00200000	LAND USE
00201000	ABANDONED MINE INV
00202000	DAM INVENTORY
00300000	WELL REGISTRATION
00300001	WELL PERMITS
00300010	WELL LOGS
00300020	GEOLOGIC MAPPING
00300030	SPRINGS LOCS & MEAS
00300040	GEOPHYSICAL DATA
00300050	EARTHQUAKE DATA
00301000	COAL DATA SYSTEM
00302000	GEOLOGIC DATA
00303000	HYDROGEOLOGIC DATA
00400000	OCEANOGRAPHIC DATA
00500000	HAZARD DATA
00500005	INDUST SOLID WASTE
00500010	HAZARDS WASTE DISP
00500020	HAZARDOUS SPILLS
00600000	CARTOGRAPHIC PRODUCTS
01000000	AGRICULTURAL DATA
01000005	SOIL MOISTURE
01000010	SOIL TYPES
01000020	SOIL SUM FILE

01000021	SOIL SURVEYS
01000022	SOIL MAPPING UNITS
01000023	SOIL INTERP MAPS
02000010	DEMOGRAPHIC DATA
02000011	SOCIODEMOGRAPHIC
02000020	HEALTH STATISTICS
02000021	EPIDEMIOLOGIC
02000030	ECONOMIC DATA
02000040	NAVIGATION DATA
02000050	MARINE DATA
10000001	WATER DISTRICT FILE



**DATABASE FILE NAME:**

**WDSTATE**

**DATABASE FILE DEFINITION:**

**A cross reference of state codes and their names**

**FIELDS:**

**STATE  
STATEA  
STATEB**

<b>FIELD NAME:</b>	STATE
<b>IN DATABASE FILE:</b>	WDSTATE (Also in WDOSD and WDCNTY)
<b>MANDATORY:</b>	No
<b>DATA TYPE:</b>	Numeric
<b>LARGEST OR LONGEST VALUE:</b>	99

**DATA VALUES:**

This field contains a code representing the state or outlying area in which the organization operates data collection sites. A complete list of state or outlying area codes is contained in the Federal Information Processing Standards (FIPS) Publication 5-1, "States and Outlying Areas of the United States," dated June 15, 1970.

**GENERAL DESCRIPTION:**

The STATE field is valued for those states or outlying area in which there are sites for which the organization has data. It bears no relationship to the location of the organization.

**FIELD NAME:** STATEA  
**IN DATABASE FILE:** WDSTATE  
**MANDATORY:** No  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 16 characters

**DATA VALUES:**

This field contains up to the first 16 characters of the name of the state or outlying area in which the organization operates data collection sites. A complete list of state or outlying area names is contained in the Federal Information Processing Standards (FIPS) Publication 5-1, "States and Outlying Areas of the United States," dated June 15, 1970.

**GENERAL DESCRIPTION:**

This field is valued for those states or outlying areas that have a value for the STATE field.

<b>FIELD NAME:</b>	STATEB
<b>IN DATABASE FILE:</b>	WDSTATE
<b>MANDATORY:</b>	No
<b>DATA TYPE:</b>	Character
<b>LARGEST OR LONGEST VALUE:</b>	14 characters

**DATA VALUES:**

This field contains up to the last 14 characters of the name of the state or outlying area in which the organization operates data collection sites. A complete list of state or outlying area names is contained in the Federal Information Processing Standards (FIPS) Publication 5-1, "States and Outlying Areas of the United States," dated June 15, 1970.

**GENERAL DESCRIPTION:**

This field is valued for those states or outlying areas that have a value for the STATE field and the name is longer than 16 characters.

**DATABASE FILE NAME:**

**WDCNTRY**

**DATABASE FILE DEFINITION:**

**A cross reference of country codes and their names**

**FIELDS:**

**NUS\_CNTRY  
NUS\_CNTRYA**

<b>FIELD NAME:</b>	NUS_CNTRY
<b>IN DATABASE FILE:</b>	WDCNTRY (Also in WDOSD)
<b>MANDATORY:</b>	No
<b>DATA TYPE:</b>	Character
<b>LARGEST OR LONGEST VALUE:</b>	2 characters

**DATA VALUES:**

This field contains a country code only if the organization operates data collection sites physically located outside the United States. If the organization's data collection sites are within the United States, the field is not valued. A complete list of country codes is contained in the Federal Information Processing Standards (FIPS) Publication 10-2, "Countries, Dependencies, and Areas of Special Sovereignty," dated 1976.

**GENERAL DESCRIPTION:**

The non-United States country code is valued for only those organizations that operate data collection sites that lie outside of the borders of the United States and its outlying areas. It bears no relationship to the location of the organization.

**FIELD NAME:** NUS\_CNTRYA

**IN DATABASE FILE:** WDCNTRY

**MANDATORY:** No

**DATA TYPE:** Character

**LARGEST OR LONGEST VALUE:** 16 characters

**DATA VALUES:**

This field contains up to 16 characters of the name of the country in which the organization operates data collection sites. A complete list of country names is contained in the Federal Information Processing Standards (FIPS) Publication 10-2, "Countries, Dependencies, and Areas of Special Sovereignty," dated 1976.

**GENERAL DESCRIPTION:**

This field is valued for those countries that have a value for the NUS\_CNTRY field.

**DATABASE FILE NAME:**

**WDDAT**

**DATABASE FILE DEFINITION:**

**A cross reference relating the NAWDEX  
agency, state numeric code, and the type of site**

**FIELDS:**

**NWDX\_AGCY  
STATE  
DAT**



**FIELD NAME:** NWDX\_AGCY  
**IN DATABASE FILE:** WDDAT (Also in WDORG)  
**MANDATORY:** Yes  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 5 characters

**DATA VALUES:**

The NAWDEX agency code varies in length from three to five characters. For federal organizations, it is US followed by a two- or three-character abbreviation of the organization's name. Values for non-federal organizations whose activities are within a given state boundary have a two-character state code followed by a NAWDEX-assigned sequence number. Values for non-federal organizations having activities at the multistate or national level have a three-to five-character abbreviation of the organization name (the characters US will not appear in the first two character positions). Alphabetic state codes are contained in the Federal Information Processing Standards (FIPS) Publication 5-1, dated June 15, 1970, "States and Outlying Areas of the United States." NAWDEX agency codes are presented in the publication, "Identification Codes for Organizations Listed in Computerized Data Systems of the U.S. Geological Survey" which may be obtained from the National Water Data Exchange, U.S. Geological Survey, 421 National Center, Reston, Virginia 22092. Telephone: (703) 648-6848; FTS 959-6848.

**GENERAL DESCRIPTION:**

The NAWDEX agency code is assigned by the NAWDEX Program Office and is the unique identifier for participating federal and non-federal organizations that actively collect and store water data. Non-federal organizations include state, county, and municipal agencies, as well as intergovernmental compacts, private organizations, universities, and any local organizations at other than county or municipal level.

<b>FIELD NAME:</b>	<b>STATE</b>
<b>IN DATABASE FILE:</b>	<b>WDDAT (Also in WDOSD and WDCNTY)</b>
<b>MANDATORY:</b>	<b>No</b>
<b>DATA TYPE:</b>	<b>Numeric</b>
<b>LARGEST OR LONGEST VALUE:</b>	<b>99</b>

**DATA VALUES:**

This field contains a code representing the state or outlying area in which the organization operates data collection sites. A complete list of state or outlying area codes is contained in the Federal Information Processing Standards (FIPS) Publication 5-1, "States and Outlying Areas of the United States," dated June 15, 1970.

**GENERAL DESCRIPTION:**

The STATE field is valued for those states or outlying area in which there are sites for which the organization has data. It bears no relationship to the location of the organization.

**FIELD NAME:** DAT  
**IN DATABASE FILE:** WDDAT  
**MANDATORY:** No  
**DATA TYPE:** Character  
**LARGEST OR LONGEST VALUE:** 11111

**DATA VALUES:**

This field contains 5 digits with each digit valued as "0" or "1".

**GENERAL DESCRIPTION:**

WDDAT is created as necessary by the program, WDMAN. A "1" indicates information about the number and type of site operated by the organization exist. A "0" indicates no information exist. Position 1 of this field pertains to the SW\_QNTY field or the MSW\_QNTY field. Position 2 pertains to the SW\_QLTY field or the MSW\_QLTY field. Position 3 pertains to the GW\_QLTY field or the MGW\_QLTY field. Position 4 pertains to the GW\_LVL field or the MGW\_LVL field. Position 5 pertains to the GW\_PUMP field or the MGW\_PUMP field.

## REFERENCES

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- U.S. Department of Commerce, National Bureau of Standards, 1970, States and outlying areas of the United States: Federal Information Processing Standards (FIPS) Publication 5-1, 4 p.
- \_\_\_\_\_ 1976, Countries, dependencies, and areas of special sovereignty: Federal Information Processing Standards (FIPS) Publication 10-2, 25 p.
- \_\_\_\_\_ 1978, Codes for named populated places and related entities of the States of the United States, Volumes 1 and 2: Federal Information Processing Standards (FIPS) Publication 55, 1,946 p.
- \_\_\_\_\_ 1979, Counties and county equivalents of the States of the United States and the District of Columbia: Federal Information Processing Standards (FIPS) Publication 6-3, 35 p.





