

Dane County (WI) Drainage Districts

Metadata also available as

Frequently-anticipated questions:

- [What does this data set describe?](#)
 1. [How should this data set be cited?](#)
 2. [What geographic area does the data set cover?](#)
 3. [What does it look like?](#)
 4. [Does the data set describe conditions during a particular time period?](#)
 5. [What is the general form of this data set?](#)
 6. [How does the data set represent geographic features?](#)
 7. [How does the data set describe geographic features?](#)
- [Who produced the data set?](#)
 1. [Who are the originators of the data set?](#)
 2. [Who also contributed to the data set?](#)
 3. [To whom should users address questions about the data?](#)
- [Why was the data set created?](#)
- [How was the data set created?](#)
 1. [From what previous works were the data drawn?](#)
 2. [How were the data generated, processed, and modified?](#)
 3. [What similar or related data should the user be aware of?](#)
- [How reliable are the data; what problems remain in the data set?](#)
 1. [How well have the observations been checked?](#)
 2. [How accurate are the geographic locations?](#)
 3. [How accurate are the heights or depths?](#)
 4. [Where are the gaps in the data? What is missing?](#)
 5. [How consistent are the relationships among the data, including topology?](#)
- [How can someone get a copy of the data set?](#)
 1. [Are there legal restrictions on access or use of the data?](#)
 2. [Who distributes the data?](#)
 3. [What's the catalog number I need to order this data set?](#)
 4. [What legal disclaimers am I supposed to read?](#)
 5. [How can I download or order the data?](#)
- [Who wrote the metadata?](#)

What does this data set describe?

Title: Dane County (WI) Drainage Districts

Abstract:

This data set is a polygon shapefile containing all active drainage district boundaries in Dane County. Some inactive drainage district boundaries are also included. Drainage districts are local government entities organized to drain land for agriculture or other purposes. Land is drained using ditches or tiles that cross individual property boundaries and landowners in a district who benefit from drainage are required to pay assessments to cover the cost of constructing, maintaining, and repairing the drainage system. As part of Wisconsin Department of Agriculture, Trade and Consumer Protection (DATCP) administrative rule (ch. 88, Wis. Stats. and ch. ATCP 48, Wis. Admin. Code), all drainage districts in the state are required to update their records. Requirements include holding a public hearing to approve the drainage district.

Drainage district boundaries were obtained from historical records from DATCP and the Dane County

Drainage Board.

1. How should this data set be cited?

Dane County Land Conservation Department, 1998, Dane County (WI) Drainage Districts: Dane County Land Information Office, Madison, WI.

Online Links:

- \\DC_FENOAK\USERVOL\USERS\SHARED\BALOUSEK\drainage\drainage.shp

2. What geographic area does the data set cover?

West_Bounding_Coordinate: -89.846253

East_Bounding_Coordinate: -88.988509

North_Bounding_Coordinate: 43.310493

South_Bounding_Coordinate: 42.841087

3. What does it look like?

4. Does the data set describe conditions during a particular time period?

Beginning_Date: 1998

Ending_Date: present

Currentness_Reference: publication date

5. What is the general form of this data set?

Geospatial_Data_Presentation_Form: vector digital data

6. How does the data set represent geographic features?

a. How are geographic features stored in the data set?

Indirect_Spatial_Reference: None

This is a Vector data set. It contains the following vector data types (SDTS terminology):

- G-polygon (32)
- Point (4)

b. What coordinate system is used to represent geographic features?

The map projection used is Lambert Conformal Conic.

Projection parameters:

Standard_Parallel: 42.908333

Standard_Parallel: 43.230556

Longitude_of_Central_Meridian: -89.422222

Latitude_of_Projection_Origin: 41.750000

False_Easting: 811000.000044

False_Northing: 0.000000

Planar coordinates are encoded using coordinate pair

Abscissae (x-coordinates) are specified to the nearest 0.001063

Ordinates (y-coordinates) are specified to the nearest 0.001063

Planar coordinates are specified in survey feet

The horizontal datum used is D_User_Defined.

The ellipsoid used is User_Defined_Spheroid.

The semi-major axis of the ellipsoid used is 6378407.621000.

The flattening of the ellipsoid used is 1/298.269877.

7. How does the data set describe geographic features?

drainage

FID

Internal feature number. (Source: ESRI)

Sequential unique whole numbers that are automatically generated.

Shape

Feature geometry. (Source: ESRI)

Coordinates defining the features.

NAME

Drainage district name (some are numerical). (Source: DATCP, LCD)

STATUS

Current legal status of drainage district. (Source: DATCP or Dane County Drainage Board)

Value	Definition
active	Active indicates that the boundary is legal and that work (assessments, maintenance and public hearings) is currently being done in that district.
stop work	Stop work indicates that a court order has been issued to cease activity in the district.
unknown	Legal status is not known.

CODE

Drainage district DATCP filing code number. (Source: DATCP)

BNDRY_AP

Indicates whether or not the district has had the boundary approved at a public hearing. (Source: LCD)

AP_DATE

Date of public hearing to approve boundary. (Source: LCD)

Entity_and_Attribute_Overview:

The attribute information found in this dataset was collected by the Dane County Land Conservation Department (LCD).

Entity_and_Attribute_Detail_Citation: Not available

Who produced the data set?

1. Who are the originators of the data set? (may include formal authors, digital compilers, and editors)

- Dane County Land Conservation Department

- 2. Who also contributed to the data set?**
- 3. To whom should users address questions about the data?**

Dane County Land Information Office
c/o Fred Iausly
Senior GIS Analyst
Room 520; 210 Martin Luther King Jr. Blvd
Madison, WI 53703
USA

(608) 266-4398 (voice)
(608) 266-1242 (FAX)
iausly@co.dane.wi.us

Hours_of_Service: Normal Business Hours (8:00am - 4:30pm)

Contact_Instructions:

Additional Contact Persons: Kevin Connors (County Conservationist), (608) 224-3730 Michelle Richardson (GIS Analyst), (608) 224-3737

Why was the data set created?

This information is intended for cartographic use and general spatial analyses. The drainage district number and name relate to additional drainage district information stored in an Access database and an Excel spreadsheet.

How was the data set created?

- 1. From what previous works were the data drawn?**

(source 1 of 1)

Dane County Land Conservation Department, Dane County (WI) Drainage Districts: Dane County Land Information Office, Madison, Wisconsin.

Type_of_Source_Media: paper

Source_Scale_Denominator: 12,000 and 1:24,000

Source_Contribution:

Historical drainage district records for Dane County are stored by Wisconsin Department of Agriculture, Trade and Consumer Protection (DATCP) and the Dane County Drainage Board. Records range from 1800s to present and may include maps, legal descriptions or both. In 1998, the Dane County Land Conservation Department obtained drainage district information to create a digital record of drainage district boundaries.

- 2. How were the data generated, processed, and modified?**

Date: 1998 (process 1 of 2)

Historical drainage district records for Dane County are stored by Wisconsin Department of Agriculture, Trade and Consumer Protection (DATCP) and the Dane County Drainage Board. Records range from 1800s to present and may include maps, legal descriptions or both. In 1998, the Dane County Land Conservation Department obtained drainage district information to create a digital record of drainage district boundaries.

District boundaries were first on-screen digitized using historical maps as a guideline with backdrops of 1995 digital orthophoto and parcel linework. Those boundaries were verified using information from the last known legal description and the district's assessment role. As part of DATCP administrative rule (ch. 88, Wis. Stats. and ch. ATCP 48, Wis. Admin. Code), all drainage districts in the state are required to update their records. Requirements include holding a public hearing to approve the drainage district. Eight districts have had the public hearing approval process and, in some cases, district boundaries were adjusted. In the near future, all active districts will have approved boundaries.

Person who carried out this activity:

Dane County Land Conservation Department
c/o Kevin Connors
County Conservationist
1 Fen Oak Court, Room 208
Madison, WI 53718
USA

(608) 224-3730 (voice)
(608) 224-3745 (FAX)
connors.kevin@co.dane.wi.us

Hours_of_Service: Normal Business Hours (8:00am - 4:30pm)

Contact_Instructions:

Additional Contact Persons: Michelle Richardson (GIS Analyst),(608) 224-3737 Jeremy Balousek (Erosion Control Engineer),(608) 224-3747

(process 2 of 2)

Metadata imported.

Data sources used in this process:

- G:\MIC\WORDOCS\METADOC\liodocs\xmls\metadata_template.xml

3. What similar or related data should the user be aware of?

How reliable are the data; what problems remain in the data set?

1. How well have the observations been checked?

The attributes were reviewed by the Dane County Land Conservation Department. The accuracy of the data was verified by manually comparing plots of the source information.

2. How accurate are the geographic locations?

Horizontal accuracy is ± 30 feet. Horizontal accuracy was determined using the horizontal accuracy of the parcel layer used to help create drainage districts.

3. How accurate are the heights or depths?

4. Where are the gaps in the data? What is missing?

The data set is 100% percent complete for 2003.

5. How consistent are the relationships among the observations, including topology?

The data set is topologically structured line data with no gaps or omissions.

How can someone get a copy of the data set?

Are there legal restrictions on access or use of the data?

Access_Constraints: Data is copyright and licensed for use.

Use_Constraints:

Refer to the License Agreement for Dane County Digital Geographic Data Sets.

[URL: http://www.co.dane.wi.us/lfo/gis/licenseagreement.pdf](http://www.co.dane.wi.us/lfo/gis/licenseagreement.pdf)

1. Who distributes the data set? (Distributor 1 of 1)

Dane County Land Information Office
c/o Fred Iausly
Senior GIS Analyst
Room 520; 210 Martin Luther King Jr. Blvd
Madison, WI 53703
USA

(608) 266-4398 (voice)

(608) 266-1242 (FAX)

iausly@co.dane.wi.us

Hours_of_Service: Normal Business Hours (8:00am - 4:30pm)

Contact_Instructions:

Additional Contact Persons: Tim Confare (Senior GIS Analyst) (608) 267-1598; Diann Danielsen (Land Information Office Manager) (608) 266-4942

2. What's the catalog number I need to order this data set?

Downloadable Data

3. What legal disclaimers am I supposed to read?

The burden for determining 'fitness for use' rests entirely upon the requester/Licensee. Dane County and its co-producers will not be liable in any way for accuracy of the data or for uses other than intended. Dane County assumes no responsibility whatsoever for direct, indirect, special, consequential, exemplary or other damages. Licensee agrees to indemnify, hold harmless and defend Dane County, its employees, agents, representatives and co-producers from any claims, damages, liabilities and expenses arising from Licensee's use of licensed data sets or products derived there from.

4. How can I download or order the data?

o Availability in digital form:

Data format: Shapefile ESRI Coverage Size: 0.047

Media you can order: CD-ROM (Density 640 Megabytes) (format DOS copy)

Data format: Shapefile ESRI Shapefile

Data format: DXF Digital Exchange File

◦ **Cost to order the data:**

A fee of \$100 per civil township, for license to use and standard package of commonly requested data. Prices are subject to change without notice.

◦ **Special instructions:**

Fill out the License Agreement for Dane County Digital Geographic Data Sets, providing licensing information and data requested. See Price/Product list. Mail, fax or phone in the data request. A signed license agreement must be received before data can be released. All requests will be invoiced following delivery of the data.

◦ **How long will it take to get the data?**

Three to five business days.

5. Is there some other way to get the data?

An additional cost of \$30/hour for staff time plus computer time and media charges is assessed for non-standard datasets or non-standard data file formats. Prices are subject to change without notice. Fill out the License Agreement for Dane County Digital Geographic Data Sets providing licensing information and custom data requested. See Price/Product list for more information. Mail, fax or phone in the data request. A signed license agreement must be received before data can be released. All requests will be invoiced following delivery of the data.

Who wrote the metadata?

Dates:

Last modified: 24-Mar-2004

Metadata author:

Dane County Land Conservation Department
c/o Michelle Richardson
GIS Analyst
1 Fen Oak Court, Room 208
Madison, WI 53718
USA

(608) 224-3730 (voice)
(608) 224-3745 (FAX)
richardson@co.dane.wi.us

Hours_of_Service: Normal Business Hours (8:00am - 4:30pm)

Contact_Instructions:

Additional Contact Persons: Kevin Connors (County Conservationist) (608) 224-3730 Jeremy Balousek (Erosion Control Engineer) (608) 224-3747

Metadata standard:

FGDC Content Standards for Digital Geospatial Metadata (FGDC-STD-001-1998)

Metadata extensions used:

- <http://www.esri.com/metadata/esriprof80.html>

Generated by [mp](#) version 2.8.6 on Wed Mar 23 13:09:27 2005