

GEODATA DICTIONARY
MINNESOTA
USDA



Developed 2003

Revised 2006

MINNESOTA FARM SERVICE AGENCY

GEODATA DICTIONARY

Minnesota USDA
FSA, NRCS, RD
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Geodata Disclaimer

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In the case of critical area information, this information is not a substitute for a field survey, and additional critical areas may exist.

Introduction

Geodata provides a unique perspective to make decisions and define our environment....

The Data Dictionary for Minnesota will define and describe the various geographic information used by the United States Department of Agriculture Service Center Agencies (Farm Service Agency, Natural Resource Conservation Agency and the Rural Development Agency). Information contained in this document describes who the data steward is for each geodata collection (folder), includes information that describes the construction of the data, when the data was originally built, and other associated information. This document will also describe the various database tables that are associated with each geodata record. If there are specific questions about the geodata, please contact the designated State Geodata Administrator responsible for a particular geodata folder directly.

Geodata documented in this document serves as the USDA Business datasets that are the official information that will be used for tool and program activities. If additional geodata is needed and or added it must be done with the approval of the State Geodata Team. Requests must identify the geodata set and metadata. The requestor will be notified once the geodata has been reviewed from both a data consistency side and a program application side.

This dictionary contains information on feature coding, data history, development life cycle and limitations of use. This data dictionary is primarily written for use by intermediate and expert system users.

STATE GEODATA ADMINISTRATORS

Each agency's STATE GEODATA ADMINISTER (SGA) serves as data steward for different Geodata folders. In Minnesota, the three agencies' SGA form the State Geodata Team. The responsibility of the SGA's is to represent their respective agency in matters pertaining to geodata that is common of the f drive.

The State Geodata Administrator:

- Has the ability to add, update, and delete folders and files under the *F:\geodata* folder.
- Maintains and monitors the currency of a statewide master dataset for data for their agency and can refresh national or state developed datasets as appropriate.
- Maintains the security and integrity of the data.
- Ensures backup of the data, as appropriate, to on-site and off-site locations.
- Administers the assignment of read and write permissions to users and groups for subfolders under the *F:\geodata* directory.
- Serve as Local Geodata Administrator backups for all Service Centers.

Each STATE GEODATA ADMINISTER is identified below:

Farm Service Agency – Minnesota

Jeff Bloomquist

651-602-7728

jeff.bloomquist@mn.usda.gov

Natural Resource Conservation Service – Minnesota

Banette Kritzky

651-602-7905

Banette.kritzky@mn.usda.gov

Rural Development – Minnesota

Ron Omann

651-602-7793

ron.omann@mn.usda.gov

Backup SGA

The backup SGA's serve as additional support for addressing geodata issues in Minnesota. Each person identified has statewide responsibilities in both geodata and program or data applications.

The State Geodata Administrator Backups:

- Assists in the maintenance and monitors the currency of a statewide master dataset for data for their agency and can refresh national or state developed datasets as appropriate.
- Assists in the security and integrity of the data.
- Assists in backing up data, as appropriate, to on-site and off-site locations.
- Assists in administration of the assignment of read and write permissions to users and groups for subfolders under the *F:\geodata* directory.
- Serve as Local Geodata Administrator backups for all Service Centers.

Farm Service Agency – Minnesota – GPS Contact

Scott Kapphahn

218-751-1942 Ext 110

scott.kapphahn@mn.usda.gov

Natural Resource Conservation Agency – Minnesota – Soils Contact

Danielle Evans

651-602-7895

danielle.evans@mn.usda.gov

STATE GEODATA TEAM

The State Geodata Team meets on at least a monthly basis to discuss issues that relate to geodata in both the service centers and the State Office. The State Geodata Team is the steward for different Geodata folders. In Minnesota, the three agencies' SGA form the State Geodata Team. The responsibility of the SGA's is to represent their respective agency in matters pertaining to geodata that is common of the f drive. It is the responsibility of each SGA to bring both relevant information about geodata to these meetings and provide updates to their respective agencies to any changes or modifications to geodata policy.

The State Geodata Team:

- Determines the correct naming conventions of new folders and geodata.
- Addresses new geodata
- Coordinates the effort for building geodata
- Provides further guidance in addressing state issues as they relate to geodata
- Addresses geodata issues to the National Geodata Team
- Develops policy for geodata in Minnesota that is consistent with the National Geodata Manual
- Addresses licensing issues as they relate to geodata
- Works directly with IT to resolve permission issues
- Works with IT in addressing geodata backups to servers
- Sets timeframes for updates to geodata in the Service Center

The three Service Center Agencies (FSA, NRCS and RD) are required to manage geodata according to the procedure in the Manual for Managing Geospatial Datasets. This manual requires the establishment of a State GIS Team that will provide policy and recommendations for:

- Insuring the geodata standard is implemented in all service centers within their state.
- Administer the transfer of geospatial datasets and metadata from national and state sources to all service centers within their state.
- Monitor and maintain quality control for data and metadata used in both the state office and local service centers.
- Insure adherence to technical standards and policies set by the national and state geodata teams.
- Provide training resources for local geodata administrators on the usage of geospatial datasets.

- Coordinate with the National Geospatial Data Centers, and other national, state and local agencies and organizations, and National Application Development Centers to facilitate the acquisition and transfer of data.
- Maintains data tracking that will contain a listing of all GIS data themes present at all service centers that are National, Common and Shared. These datasets will be updated and current. The Minnesota State Geodata Team will use scripting to update all National, Common and Shared datasets from the State Office as needed.
- Maintain the state-level geospatial datasets used in the state.

Local Geodata Administrators

Each Service Center in Minnesota has selected a Local Geodata Administrator. The LGA is chosen by the County FAC. The Local Geodata Administrators (LGA) who has the authority to maintain the content and integrity of data files and folders under the shared geodata directory as described in the Geodata Manual. Local Geodata Administrator can only access the Service Center server assigned to them.

The Local Geodata Administrator

- Has the ability to add or update folders and files under the *F:\geodata* folder under the direction of the State Geodata Administrators
- Can monitor the currency of local data files and in coordination with the State Geodata Administrators and can refresh national or state developed datasets as appropriate.
- Assists with the maintenance and the security and integrity of the data.
- Provides geodata updates to their respective Service Centers, such as when ortho imagery will be updated, data sharing policies and when new geodata is available to a service center.
- Contacts the State Geodata Administrator to report geodata issues such as missing geodata, corrupt geodata or if a geodata set has not been updated when updates are posted.
- Provides quarterly geodata meetings in a Service Center.

The Local Geodata Administrator requirements:

- All Geodata Administrators are expected to know basic file management skills
- Geodata Administrators are expected become familiar with [Manual for Managing Geospatial Datasets in Service Centers](#)
- Geodata Administrators will be expected to work with each agency point of contact in their Service Center
- Geodata Administrators will communicate directly to the State Geodata Administrator
- Service Center Geodata Teams will meet on a consistent basis

Projections Utilized

The USDA uses the standard projections known as Universal Transverse Mercator with the 1983 North American Datum. In Minnesota, There are two primary zones being utilized zone 14 in the far west of the state and zone 15 for the large remainder of the state.



FIPS Codes for Minnesota Counties

Each County has a unique FIPS code that provides a unique numeric identification code for naming geodata, linking data and creating audit files that are unique to each county. The FIPS code also serves as a link to a number of USDA GIS tools. In Minnesota there are 87 counties but they are represented by 79 FSA offices, 16 RD offices and 90 NRCS offices. There are two sets of FIPS codes that are used in USDA. One set identifies the actual county and this FIPS code works with linking census information or other general county information. The second FIPS code that exists in USDA is the FSA FIPS code that identifies three counties that are split into two parts based on workload. The splits were implemented by the State and County Committees and were done along township lines the following information provides both FIPS codes:

Displayed by County Name & County FIP's #

Aitkin 001	Anoka 003	Becker 005
Beltrami 007	Benton 009	Big Stone 011
Blue Earth 013	Brown 015	Carlton 017
Carver 019	Cass 021	Chippewa 023
Chisago 025	Clay 027	Clearwater 029
Cook 031	Cottonwood 033	Crow Wing 035
Dakota 037	Dodge 039	Douglas 041
Faribault 043	Fillmore 045	Freeborn 047
Goodhue 049	Grant 051	Hennepin 053
Houston 055	Hubbard 057	Isanti 59
Itasca 061	Jackson 063	Kanabec 065
Kandiyohi 067	Kittson 069	Koochiching 071
Lac Qui Parle 073	Lake 075	Lake of the Woods 077
Le Sueur 079	Lincoln 081	Lyon 083
Mahnomen 087	Marshall 089	Martin 091
McLeod 085	Meeker 093	Mille Lacs 095
Morrison 097	Mower 099	Murray 101
Nicollet 103	Nobles 105	Norman 107
Olmsted 109	Otter Tail 111	Pennington 113
Pine 115	Pipestone 117	Polk 119
Pope 121	Ramsey 123	Red Lake 125
Redwood 127	Renville 129	Rice 131
Rock 133	Roseau 135	Saint Louis 137
Scott 139	Sherburne 141	Sibley 143
Stearns 145	Steele 147	Stevens 149
Swift 151	Todd 153	Traverse 155
Wabasha 157	Wadena 159	Waseca 161
Washington 163	Watonwan 165	Wilkin 167
Winona 169	Wright 171	Yellow Medicine 173

Geodata in the Service Centers

The geodata in each Service Center is designed to be a reflection of the State Office Server. Each Service Center will have the clipped version of any statewide dataset that is available. The geodata must keep the name provided by the National Office or the State Office. This will ensure that data is replaced when new information is available and assist in the fielding of national applications. All national applications rely on the consistent placement of data within the geodata structure. All geodata contained in the Geodata Dictionary will be subject to updates directly from the State Office and can be updated at anytime. The datasets contained in this document will not be added to or modified by LGA's unless directed by the State Geodata Team.

The **F:\geodata** folder on the Service Center server will be used by USDA partners and employees to perform services and functions in the Service Center, including:

- Sharing information with co-workers and partner agencies.
- Providing a staging area for downloading and delivering nationally-developed and state-developed Geospatial data and making the data accessible to all GIS users.
- Providing a place to store spatial data that is to be backed-up on a regular basis. Backup processes will focus on data that is locally updated.
- Datasets\files will be unique within the entire geodata folder
- Naming standards apply to all datasets in Minnesota
- File names contain only information needed to identify them and make them unique
- The naming conventions used identify if a file has been clipped or is a statewide version of geodata. An example of a clipped dataset would clu_a_mn133. An example of a statewide geodata set would be plss_a_mn.
- Only statewide and clipped county versions are considered for the Data Dictionary.

Licensed or restricted datasets will not be readily available. The access to this information will be severely limited to those employees that need the information to complete their job functions

Geodata Distribution

All USDA employees have access to specified datasets based on user privileges. Datasets received from the State of Minnesota, local Counties or other sources are **NOT** to be distributed for any reason to anyone requesting the data from outside the Service Center office or those included in any license agreements. For these requests you will refer the requesting party to the Agencies that has ownership of the data.

Questions regarding the availability of these datasets should be forwarded to the NRCS, FSA, or RD State Geodata Administrators, or the appropriate State or local Agency.

Geodata Categories & Folders

The Geodata Manual for USDA provides guidance as to the location and naming convention of geodata in a Service Center. This Guide provides further guidance and direction for geodata commonly used in Minnesota by the USDA Service Center Agencies. Each category of folder is described in this manual for users to both identify geodata that is available and provide detail about a particular geodata set. This manual will be updated as USDA Geodata Manual changes based on technology and business trends.

There are currently 32 folders that can reside on the F:\geodata\directory. They are as follows:

F:\geodata\

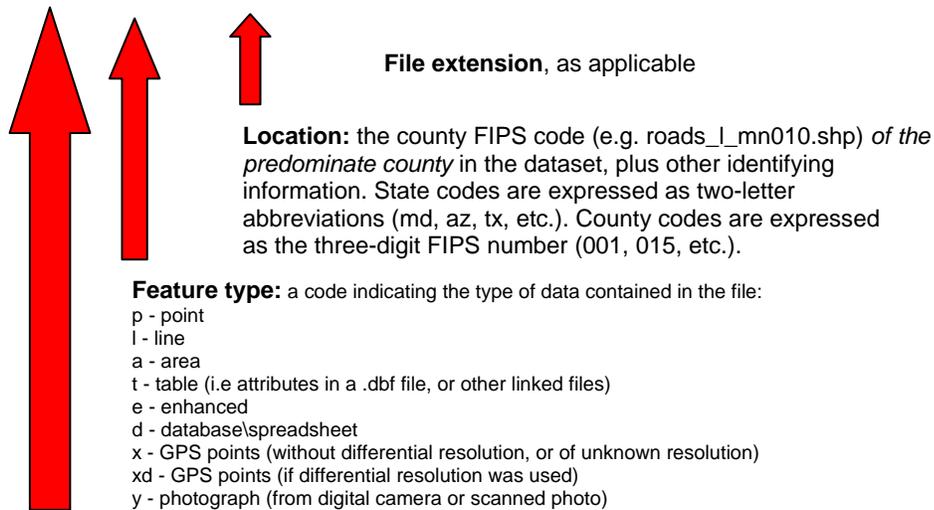
air_quality	hydrography
cadastral	hydrographic_units
census	imagery
climate	land_site
common_land_unit	map_indexes
conservation_practices	measurement_services
cultural_resources	ortho_imagery
disaster_events	project_data
ecological	public_utilities
elevation	soils
endangered_habitat	topographic_images
environmental_easements	transportation
geographic_names	wetlands
geology	wildlife
government_units	zoning
hazard_site	

Only the National Office can add to the main categories of geodata folders. Subfolders can only be added to the main folders, through the State Geodata Team. This is to ensure a consistent and standard process for addressing geodata throughout the state.

Geodata Naming Conventions & Process

The National Geodata manual provides clear naming convention rules for all geodata. All names found in the Geodata Manual are reserved for National policy and tool applications. Local, State or regional data must follow the same naming convention and the geodata must be approved by the State Geodata team before it can be placed on the Service Center F:geodata directory. All geodata added to the F:geodata directory outside of the projects folder must include metadata. There are no exceptions. The naming convention standard is documented below:

clu_a_mn133.shp



Theme name can be the full name, a short version, or an acronym used to represent the business name of the dataset, e.g. precip, damsites, huc, etc.

File and Folder names will consist of **only** the following:

- Lower case letters a-z
- The numerals 0-9
- The underscore “_” character
- The “-” character, but only when mosaic tiling (x-x). Otherwise the dash is used
- The first character must be a letter
- The total length cannot exceed 30 characters

Note:

If a geodata file does NOT contain a FIPS code and only the state designation, the file is delivered statewide.

Localized Geodata

Localized geodata such as custom clipped datasets to district boundaries, area offices, farm credit teams or other large areas that cover multiple counties are not considered as part of the master geodata set maintained by the State Office.

These datasets are considered repetitive and redundant and should reside on the individuals' C Drives or in an agencies respective F:geodata\project_data or F:\projects folders.

These datasets are the local service centers responsibility to update and maintain. Examples of custom clipped data sets would be things such as the plss using a naming convention such as pls_sect_a_mn_a# or plss_a_mn###_d#.

Minnesota Geodata

The geodata that is used by Service Center Agencies in Minnesota is documented in the following text. Please be aware of the following regarding information in this document:

- All information found in this document must adhere to the National Geodata Manual.
- Any geodata that is to be placed in the geodata folder structure must be approved by the State GIS Team.
- This document represents the geodata that is currently available throughout Minnesota.
- Geodata listed in this document can not be manipulated or changed without the consent of the State Geodata Team.
- Geodata listed can be replaced and updated by the State Office at any time.
- Geodata folders will always follow WDC direction without exception.

F:geodata\air_quality

NO INFORMATION IS AVAILABLE AT THIS TIME.

DATA STEWARD: Natural Resource Conservation Services

USDA GEODATA NAME:

None Available

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: None

DESCRIPTION: None

EXTENT: None

SCALE: None

SOURCE: None

DATA ENHANCMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: None

WEB ADDRESS: None

F:\geodata\cadastral

This folder contains information pertaining to reference systems such as the Public Land Survey.

DATA STEWARD: Farm Service Agency

USDA GEODATA NAME:

pls_forty_a_mnxxx

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: pls_fortypy3

DESCRIPTION: The Control Point Generated PLS layer contains line and polygon features to the 1\4 of 1\4 PLS section (approximately 40 acres) and government lot level. The layer was created using the most accurate information available at the time, including Government Land Office plat drawings and survey notes, official resurveys, and PLS control points from the DNR's Control Point Inventory database.



EXTENT: Statewide

SCALE: 1:24000

SOURCE: Minnesota DNR -Land and Minerals Division

DATA ENHANCMENTS: This is a reference layer only!

USAGE TIPS: Detailed PLS forty level mapping at a 1:24,000 scale of any information georeferenced to the Public Land Survey System, especially land ownership and management. It can also be used as a general PLS reference map for any other data projected into UTM - meters, extended zone 15, NAD83. The most accurate comprehensive PLS source at the DNR. The positional accuracy of the data varies greatly, and ranges from 40 feet to sub-meter accuracy in some areas.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized extensively by all Service Center Agencies. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: <http://deli.dnr.state.mn.us/>

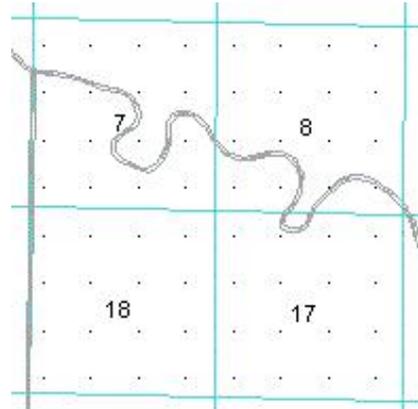
USDA GEODATA NAME:

pls_sect_a_mn (statewide) \ pls_sect_a_mn### (county)

ACCESS CONSTRAINTS: NRCS PLSS Application Only for DS MAP Book

ORIGINAL SOURCE NAME: plss_a_mn

DESCRIPTION: Public Land Survey line delineations to the section level. Data are derived primarily from Section corner locations captured from paper USGS seven and one-half minute quadrangle maps. Township information has been updated to reflect actual township names as used in the Plat books. The PLSS is also known as the "rectangular system".



EXTENT: Statewide

SCALE: 1:24000

SOURCE: Minnesota DNR - Minerals Division\Section of Wildlife. Information has been updated for use with DS Map Book by the USDA Farm Service Agency.

DATA ENHANCMENTS: This layer was enhanced by adding the correct township names to all polygons found in this layer. Where section crossed township or city boundaries the dominate area was used for naming purposes. This is a reference layer only!

USAGE TIPS: This data source can generally be considered accurate to approximately 50 feet. Some areas of less accurate data (as much as 200 feet off) are known to exist in the vicinity of the Mesabi and Vermilion Iron Ranges. These data do not include county lines. Many sections cross county lines. This is generally a robust and proven data set.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized extensively by all Service Center Agencies. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: THIS INFORMATION IS PROVIDED DIRECTLY FROM THE STATE OFFICE ONLY!

USDA GEODATA NAME:

pls_twpsh_a_mn (statewide) \ pls_twpsh_a_mn### (county)

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: plss_a_mn

DESCRIPTION: Public Land Survey township delineations are used to depict township boundaries based on the plss_a_mn file. These boundaries are not the actual governmental unit and should be used as reference only.

EXTENT: Statewide

SCALE: 1:24000

SOURCE: Minnesota DNR - Minerals Division \ Section of Wildlife.



DATA ENHANCMENTS: This layer was enhanced by adding the correct township names to all polygons found in this layer. Where section crossed township or city boundaries the dominate area was used for naming purposes. This is a reference layer only!

USAGE TIPS: This data source can generally be considered accurate to approximately 50 feet. Some areas of less accurate data (as much as 200 feet off) are known to exist in the vicinity of the Mesabi and Vermilion Iron Ranges. These data do not include county lines. Many sections cross county lines. This is generally a robust and proven data set.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized extensively by all Service Center Agencies. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: THIS INFORMATION IS PROVIDED DIRECTLY FROM THE STATE OFFICE ONLY!

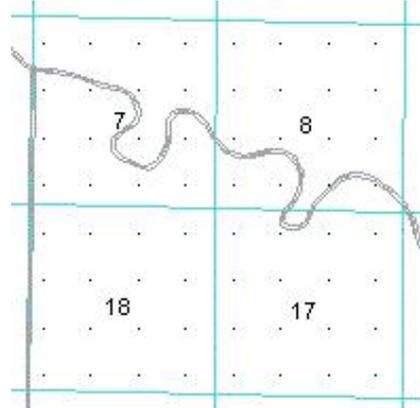
USDA GEODATA NAME:

plss_a_mn (statewide) \ plss_a_mn### (county)

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: Plsscyp3

DESCRIPTION: Public Land Survey line delineations to the section level. Data are derived primarily from Section corner locations captured from paper USGS seven and one-half minute quadrangle maps. Township information has been updated to reflect actual township names as used in the Plat books. The PLSS is also known as the "rectangular system".



EXTENT: Statewide

SCALE: 1:24000

SOURCE: Minnesota DNR - Minerals Division\Section of Wildlife. Information has been updated for use with DS Map Book by the USDA Farm Service Agency.

DATA ENHANCMENTS: This layer was enhanced by adding the correct township names to all polygons found in this layer. Where section crossed township or city boundaries the dominate area was used for naming purposes. This is a reference layer only!

USAGE TIPS: This data source can generally be considered accurate to approximately 50 feet. Some areas of less accurate data (as much as 200 feet off) are known to exist in the vicinity of the Mesabi and Vermilion Iron Ranges. These data do not include county lines. Many sections cross county lines. This is generally a robust and proven data set.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized extensively by all Service Center Agencies. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: THIS INFORMATION IS PROVIDED DIRECTLY FROM THE STATE OFFICE ONLY!

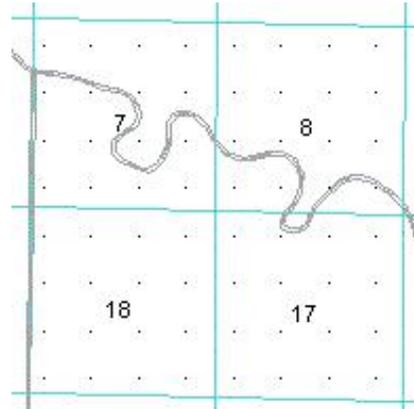
USDA GEODATA NAME:

plss_l_mn (statewide) \ plss_l_mn### (county)

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: plsscint3

DESCRIPTION: This layer serves as the line file for the plss_a_mn. This layer is primarily a reference layer and used for cartographic purposes.



EXTENT: Statewide

SCALE: 1:24000

SOURCE: Minnesota DNR - Minerals Division\Section of Wildlife.

DATA ENHANCEMENTS: None

USAGE TIPS: This data source can generally be considered accurate to approximately 50 feet. Some areas of less accurate data (as much as 200 feet off) are known to exist in the vicinity of the Mesabi and Vermilion Iron Ranges. These data do not include county lines. Many sections cross county lines. This is generally a robust and proven data set.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized by FSA for Map Production. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: THIS INFORMATION IS PROVIDED DIRECTLY FROM THE STATE OFFICE ONLY!

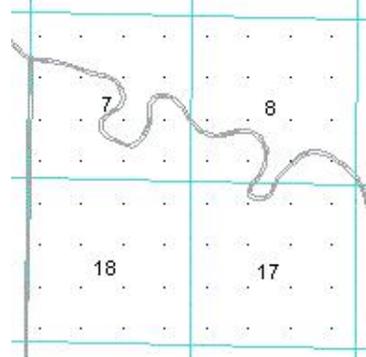
USDA GEODATA NAME:

plss_p_mn (statewide) \ plss_p_mn### (county)

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: plsscpt3

DESCRIPTION: This layer serves as the center points for all polygons in the plss_a_mn. This layer is primarily a reference layer and used for cartographic purposes to label section numbers.



EXTENT: Statewide

SCALE: 1:24000

SOURCE: Minnesota DNR - Minerals Division\Section of Wildlife.

DATA ENHANCEMENTS: None

USAGE TIPS: This data source can generally be considered accurate to approximately 50 feet. Some areas of less accurate data (as much as 200 feet off) are known to exist in the vicinity of the Mesabi and Vermilion Iron Ranges. These data do not include county lines. Many sections cross county lines. This is generally a robust and proven data set. This file can be used to label sections on maps.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized by FSA for Map Production. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: THIS INFORMATION IS PROVIDED DIRECTLY FROM THE STATE OFFICE ONLY!

F:\geodata\census

This folder contains information pertaining to the 2000 census.

DATA STEWARD: Rural Development Agency

USDA GEODATA NAME:

block_groups_a_mn \ block_groups_a_mn###

ACCESS CONSTRAINTS: None

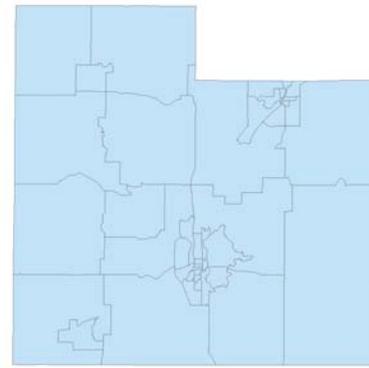
ORIGINAL SOURCE NAME: block_groups_a_mn###

DESCRIPTION: Vector dataset provides boundaries for groups of blocks within the same census tract. Block Groups do not cross county or census tract boundaries.

EXTENT: This information is updated statewide by the Farm Service State Office.

SCALE: 1:100000

SOURCE: USDA NRCS Geospatial Data Gateway



DATA ENHANCEMENTS: None

USAGE TIPS: This data can be used to identify Census block groups. Block groups are level of census within a county. Block groups are smaller than Tracts and a collection of blocks. This data is updated periodically by the Census Bureau.

RELATED TABLES: Related tables can be obtained through the Census Bureau.

USDA PROGRAM OR SECTION: This layer can be utilized by any USDA Agency or Section for reference or analysis. This data cannot be modified by USDA Agency.

WEB ADDRESS: <http://datagateway.nrcs.usda.gov/GatewayHome.html>

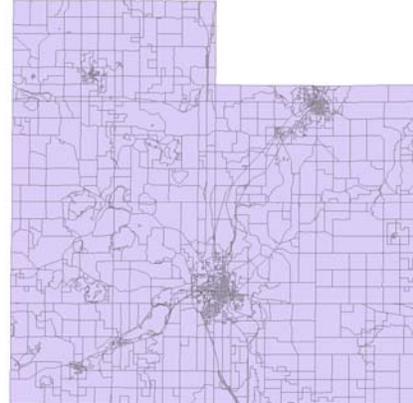
USDA GEODATA NAME:

blocks_a_mn###

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: blocks_a_mn###

DESCRIPTION: Vector dataset provides boundaries for small statistical areas bounded on all sides by visible features such as streets, roads, streams, and railroads. Blocks do not cross county or census tract boundaries.



EXTENT: This information is updated statewide by the Farm Service State Office.

SCALE: 1:100000

SOURCE: USDA NRCS Geospatial Data Gateway

DATA ENHANCEMENTS: None

USAGE TIPS: This data can be used to identify Census blocks. Blocks are the smallest level of census within a county. This data is updated periodically by the Census Bureau.

RELATED TABLES: Related tables can be obtained through the Census Bureau.

USDA PROGRAM OR SECTION: This layer can be utilized by any USDA Agency or Section for reference or analysis. This data cannot be modified by USDA Agency.

WEB ADDRESS: <http://datagateway.nrcs.usda.gov/GatewayHome.html>

USDA GEODATA NAME:

census_demographic_a_mn / census_demographic_a_mn###

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: census_demographic_a_mn

DESCRIPTION: Census 2000 Summary Statistics
- County General Demographics.

EXTENT: This information is updated statewide by
the Farm Service State Office.

SCALE: 1:100000

SOURCE: USDA NRCS Geospatial Data Gateway

DATA ENHANCMENTS: None



USAGE TIPS: This data can be used to identify county level demographic data. This data is updated periodically by the Census Bureau.

RELATED TABLES: Related tables can be obtained through the Census Bureau.

USDA PROGRAM OR SECTION: This layer can be utilized by any USDA Agency or Section for reference or analysis. This data cannot be modified by USDA Agency.

WEB ADDRESS: <http://\datagateway.nrcs.usda.gov\GatewayHome.html>

USDA GEODATA NAME:

census_economic_a_mn / census_economic_a_mn###

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: census_economic_a_mn

DESCRIPTION: Census 2000 Summary Statistics -
County Economic Characteristics.

EXTENT: This information is updated statewide by
the Farm Service State Office.

SCALE: 1:100000

SOURCE: USDA NRCS Geospatial Data Gateway

DATA ENHANCMENTS: None

USAGE TIPS: This data can be used to identify
county level economic data. This data is updated periodically by the Census Bureau.

RELATED TABLES: Related tables can be obtained through the Census Bureau.

USDA PROGRAM OR SECTION: This layer can be utilized by any USDA Agency or Section for
reference or analysis. This data cannot be modified by USDA Agency.

WEB ADDRESS: <http://datagateway.nrcs.usda.gov/GatewayHome.html>



USDA GEODATA NAME:

census_housing_a_mn / census_housing_a_mn###

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: census_housing_a_mn

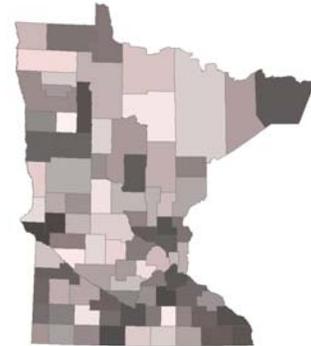
DESCRIPTION: This data is derived from the TIGER line files developed by the Census Bureau.

EXTENT: Census 2000 Summary Statistics - County Housing Characteristics.

SCALE: 1:100000

SOURCE: USDA NRCS Geospatial Data Gateway

DATA ENHANCMENTS: None



USAGE TIPS: This data can be used to identify county level housing data. This data is updated periodically by the Census Bureau.

RELATED TABLES: Related tables can be obtained through the Census Bureau.

USDA PROGRAM OR SECTION: This layer can be utilized by any USDA Agency or Section for reference or analysis. This data cannot be modified by USDA Agency.

WEB ADDRESS: <http://datagateway.nrcs.usda.gov/GatewayHome.html>

USDA GEODATA NAME:

census_social_a_mn / census_social_a_mn###

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: census_social_a_mn

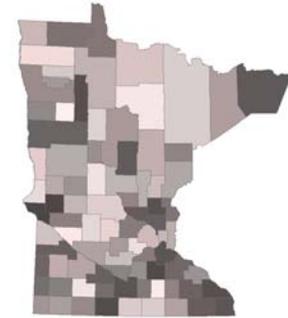
DESCRIPTION: Census 2000 Summary Statistics - County Social Characteristics.

EXTENT: This information is updated statewide by the Farm Service State Office.

SCALE: 1:100000

SOURCE: USDA NRCS Geospatial Data Gateway

DATA ENHANCMENTS: None



USAGE TIPS: This data can be used to identify county level social data. This data is updated periodically by the Census Bureau.

RELATED TABLES: Related tables can be obtained through the Census Bureau.

USDA PROGRAM OR SECTION: This layer can be utilized by any USDA Agency or Section for reference or analysis. This data cannot be modified by USDA Agency.

WEB ADDRESS: <http://\datagateway.nrcs.usda.gov\GatewayHome.html>

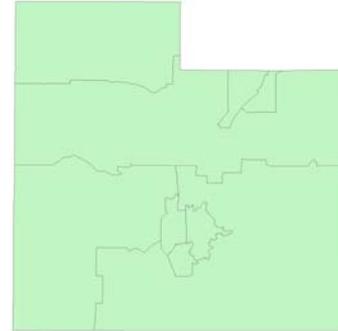
USDA GEODATA NAME:

tracts_a_mn (statewide) \ tracts_a_mn### (county)

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: tracts_a_mn###

DESCRIPTION: Vector dataset provides geographic statistical entities within a county, comprised of populations between 2,500 and 8,000 people. Census tracts usually follow visible physical features and county boundaries.



EXTENT: This information is updated statewide by the Farm Service State Office.

SCALE: 1:100000

SOURCE: USDA NRCS Geospatial Data Gateway

DATA ENHANCEMENTS: None

USAGE TIPS: This data can be used to identify Census Tracts. Tracts are the largest census area within a county. This data is updated periodically by the Census Bureau.

RELATED TABLES: Related tables can be obtained through the Census Bureau.

USDA PROGRAM OR SECTION: This layer can be utilized by any USDA Agency or Section for reference or analysis. This data cannot be modified by USDA Agency.

WEB ADDRESS: <http://\datagateway.nrcs.usda.gov\GatewayHome.html>

F:geodata\climate

Information contained in this folder is climatologically based. There are sub folders for both precipitation and temperature. All information is provided statewide and is not clipped to a county.

DATA STEWARD: [Natural Resource Conservation Services](#)

USDA GEODATA NAME:

No data at root level

ACCESS CONSTRAINTS: USDA Service Center employees

ORIGINAL SOURCE NAME: TBA

DESCRIPTION: TBA

EXTENT: TBA

SCALE: TBA

SOURCE: TBA

DATA ENHANCMENTS: TBA

USAGE TIPS: TBA

RELATED TABLES: TBA

USDA PROGRAM OR SECTION: TBA

WEB ADDRESS: TBA

F:\geodata\climate\precipitation

The precipitation sub folder contains two other sub folders that are called historic and monthly. The historic folder contains information for the designated calendar year using the format cy_20##. The monthly folder contains geodata related to monthly precipitation estimates that are likely to occur for identified months. Information found in these folders is not identified or discussed in the Geodata Dictionary.

DATA STEWARD: Natural Resource Conservation Services

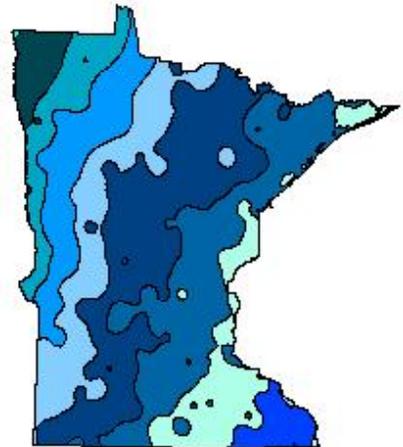
USDA GEODATA NAME:

precip_a_mn / precipMMM_a_mn

ACCESS CONSTRAINTS: USDA Service Center employees

ORIGINAL SOURCE NAME: prcp_yr30_a_mn

DESCRIPTION: Minnesota Average Monthly or Annual Precipitation, 1961-90. This is a line file based on the prcp_yr30_a_mn file.



EXTENT: Statewide

SCALE: 1:250,000

SOURCE: Natural Resources Conservation Service, Water and Climate Center

DATA ENHANCEMENTS: None

USAGE TIPS: Display and/or analyses requiring spatially distributed monthly or annual precipitation for the climatological period 1961-90.

RELATED TABLES: None

USDA PROGRAM OR SECTION: None

WEB ADDRESS: <http://\datagateway.nrcs.usda.gov\GatewayHome.html>

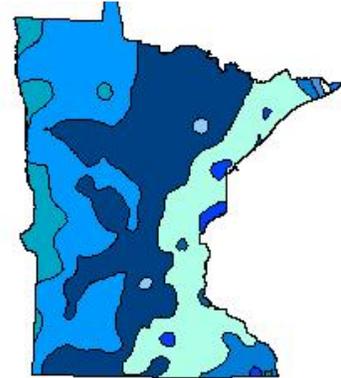
USDA GEODATA NAME:

precip_30yr_a_mn

ACCESS CONSTRAINTS: USDA Service Center employees

ORIGINAL SOURCE NAME: prcp_yr30_a_mn

DESCRIPTION: Minnesota Average Monthly or Annual Precipitation, 1961-90



EXTENT: Statewide

SCALE: 1:250,000

SOURCE: Natural Resources Conservation Service, Water and Climate Center

DATA ENHANCMENTS: None

USAGE TIPS: Used for cartographic purposes in relation to precipitation in Minnesota.

RELATED TABLES: None

USDA PROGRAM OR SECTION: None

WEB ADDRESS: <http://datagateway.nrcs.usda.gov/GatewayHome.html>

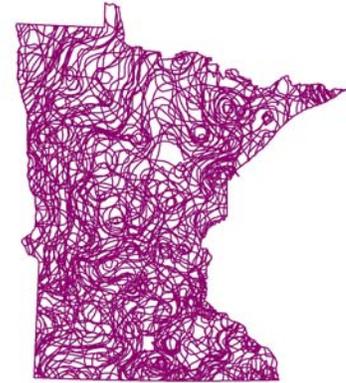
USDA GEODATA NAME:

precip_30yr_1_mn

ACCESS CONSTRAINTS: USDA Service Center employees

ORIGINAL SOURCE NAME: prcp_yr30_1_mn

DESCRIPTION: Minnesota Average Monthly or Annual Precipitation, 1961-90. This is a line file based on the prcp_yr30_a_mn file.



EXTENT: Statewide

SCALE: 1:250,000

SOURCE: Natural Resources Conservation Service, Water and Climate Center

DATA ENHANCMENTS: None

USAGE TIPS: Used for cartographic purposes in relation to precipitation in Minnesota.

RELATED TABLES: None

USDA PROGRAM OR SECTION: None

WEB ADDRESS: <http://datagateway.nrcs.usda.gov/GatewayHome.html>

F:\geodata\climate\temperature

The temperature sub folder contains another other sub folders that are called historic. The historic folder contains information for the designated calendar year using the format cy_20##. Information found in this folder is not identified or discussed in the Geodata Dictionary.

DATA STEWARD: Natural Resource Conservation Services

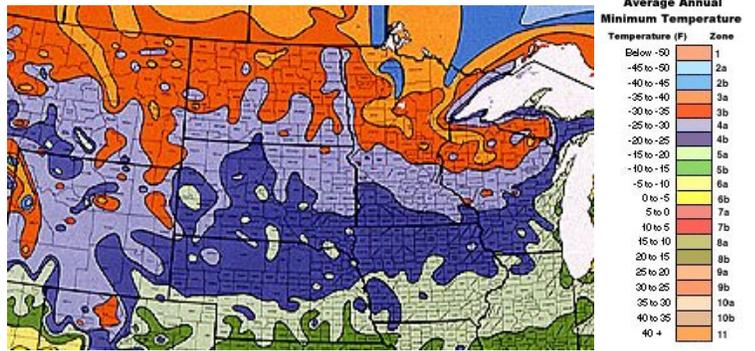
USDA GEODATA NAME:

plant_hardiness_zones_a_mn / plant_hardiness_zones_a_us

ACCESS CONSTRAINTS: USDA Service Center employees

ORIGINAL SOURCE NAME: plant_hardiness_zones_a_us

DESCRIPTION: This 1990 version shows in detail the lowest temperatures that can be expected each year and referred to as "average annual minimum temperatures"



EXTENT: Statewide

SCALE: 1:250,000

SOURCE: MN DNR Climatology Group, MN DNR Waters

DATA ENHANCEMENTS: None

USAGE TIPS: Climatic analyses and forecasting; hydrologic modeling; forestry\agricultural analyses.

RELATED TABLES: None

USDA PROGRAM OR SECTION: None

WEB ADDRESS: None

USDA GEODATA NAME:

temp_30yr_a_mn

ACCESS CONSTRAINTS: USDA Service Center employees

ORIGINAL SOURCE NAME: temp_30yr_a_mn

DESCRIPTION: This data set depicts 30-year averages (1961-1990) of monthly and annual temperatures for Minnesota. Isolines and regions were created using kriging and lattice contour operations on temperature point data from a 5-state area. Data is stored in a regions model, with separate regions for each monthly and annual 30-year average.



EXTENT: Statewide

SCALE: 1:250,000

SOURCE: MN DNR Climatology Group, MN DNR Waters

DATA ENHANCMENTS: None

USAGE TIPS: Climatic analyses and forecasting; hydrologic modeling; forestry\agricultural analyses.

RELATED TABLES: None

USDA PROGRAM OR SECTION: None

WEB ADDRESS: None

USDA GEODATA NAME:

temp_30yr_1_mn

ACCESS CONSTRAINTS: USDA Service Center employees

ORIGINAL SOURCE NAME: temp_30yr_1_mn

DESCRIPTION: This data set depicts 30-year averages (1961-1990) of monthly and annual temperatures for Minnesota. Isolines and regions were created using kriging and lattice contour operations on temperature point data from a 5-state area. Data is stored in a regions model, with separate regions for each monthly and annual 30-year average.



EXTENT: Statewide

SCALE: 1:250,000

SOURCE: MN DNR Climatology Group, MN DNR Waters

DATA ENHANCEMENTS: None

USAGE TIPS: Climatic analyses and forecasting; hydrologic modeling; forestry\agricultural analyses.

RELATED TABLES: None

USDA PROGRAM OR SECTION: None

WEB ADDRESS: None

USDA GEODATA NAME:

temp_jan_min_a_mn.shp

ACCESS CONSTRAINTS: read only

ORIGINAL SOURCE NAME:

ORIGINAL SOURCE NAME:

tempminmax_a_mn.shp

DESCRIPTION: Vector dataset provides derived average January minimum temperatures according to a model using point temperature data for the 30-year period of 1961 – 1990.

EXTENT: State of Minnesota

SCALE: 1:250,000

SOURCE: USDA

DATA ENHANCEMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: All

WEB ADDRESS: None



USDA GEODATA NAME:

USDA GEODATA NAME:

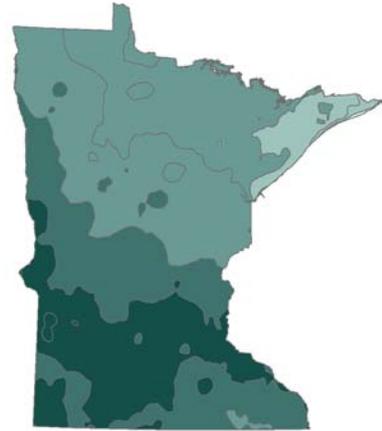
temp_jun_min_a_mn.shp

ACCESS CONSTRAINTS: read only

ORIGINAL SOURCE NAME:

ORIGINAL SOURCE NAME: tempminmax_a_mn.shp

DESCRIPTION: Vector dataset provides derived average June's maximum temperatures according to a model using point temperature data for the 30-year period of 1961-1990.



EXTENT: State of Minnesota

SCALE: 1:240,000

SOURCE: USDA

DATA ENHANCEMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: All

WEB ADDRESS: None

F:\geodata\common_land_unit

This folder contains the information that all USDA agencies have read access to use for USDA business activities only. This information is managed and maintained by the USDA Farm Service Agency. Information is reflective of both the 2003 base imagery and information provided directly from the land owner or producer.

DATA STEWARD: Farm Service Agency

USDA GEODATA NAME:

clu_copy_a_mn###

ACCESS CONSTRAINTS: This information can only be obtained through FSA. NRCS, RD and SWCD **will never** provide this information to another source. ALL CLU REQUESTS MUST GO THROUGH APFO AND FSA. THERE ARE NO EXCEPTIONS. THIS INFORMATION IS PROTECTED BY FOIA.

ORIGINAL SOURCE NAME: clu_a_mn###

THIS FILE IS DERIVED FROM THE OFFICIAL CLU

DESCRIPTION: The clu_copy_a_mn### is a copy of the FSA maintained common land unit layer known as clu_a_mn###. This information is provided by FSA for use with USDA business activities only. This information reflects common land ownership and field boundaries. All CLU boundary files are updated and maintained using 2003 Ortho Imagery that has been approved by the Aerial Photography Field Office in Salt Lake City, Utah.



EXTENT: This information is maintained statewide by each Farm Service Agency Service Center.

SCALE: 1:40000

SOURCE: USDA Farm Service Agency. Information is updated based on the 2003 Ortho Imagery provided by APFO.

DATA ENHANCEMENTS: None

USAGE TIPS: This data can be used to identify common ownership for owners and producers that are participating in FSA programs. CLU data does not reflect actual land ownership. This information reflects land that is enrolled or participating in FSA business programs and is used to track participation in these programs

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized extensively by all Service Center Agencies. THIS LAYER WILL NOT BE MODIFIED BY ANY AGENCY OTHER THAN FSA. THIS DATA LAYER CAN BE MODIFIED AT ANY TIME BY FSA.

WEB ADDRESS: THIS INFORMATION IS PROVIDED FROM FSA ONLY!

F:\geodata\common_land_unit\fsa_clu

The fsa_clu folder contains the official Common Land Unit layer that is used for FSA business programs. Information found in this folder can only be edited by FSA CLU Editors and FSA State Geodata Administrators. Modification of this folder is strictly prohibited. This information is managed and maintained by the USDA Farm Service Agency. Information is reflective of both the 2003 base imagery and information provided directly from the land owner or producer.

DATA STEWARD: Farm Service Agency

USDA GEODATA NAME:

clu_a_mn###

ACCESS CONSTRAINTS: THIS INFORMATION IS SUBJECT TO FOIA

ORIGINAL SOURCE NAME: clu_a_mn###

DESCRIPTION: A Common Land Unit (CLU) is the smallest unit of land that has a permanent, contiguous boundary, a common land cover and land management, a common owner and a common producer association. A CLU is delineated from permanent features such as fence lines, roads, and or waterways. This requirement minimizes the number of changes that will be required in the CLU boundary.



EXTENT: This information is maintained statewide by each Farm Service Agency Service Center.

SCALE: 1:40000

SOURCE: USDA Farm Service Agency. Information is updated based on the 2003 Ortho Imagery provided by APFO.

DATA ENHANCMENTS: None

USAGE TIPS: This data can be used to identify common ownership for owners and producers that are participating in FSA programs. CLU data does not reflect actual land ownership. This information reflects land that is enrolled or participating in FSA business programs and is used to track participation in these programs.

RELATED TABLES: crp_t_mn###

USDA PROGRAM OR SECTION: This layer is utilized extensively by FSA. It is administered through the COMPLIANCE SECTION. ONLY **CERTIFIED CLU EDITORS** MAY MAKE CHANGES TO THE CLU.

WEB ADDRESS: THIS INFORMATION IS PROVIDED FROM FSA ONLY!!

USDA GEODATA NAME:

crp_t_a_mn### * THIS TABLE IS BEING CONVERTED TO A LAYER KNOWN AS crp_a_mn###

ACCESS CONSTRAINTS: This information can only be obtained through FSA. NRCS, RD and SWCD **will never** provide this information to another source. ALL CRP REQUESTS MUST GO THROUGH APFO AND FSA. THERE ARE NO EXCEPTIONS. THIS INFORMATION IS PROTECTED BY FOIA.

ORIGINAL SOURCE NAME: crp_t_mn### THIS FILE IS ASSOCIATED WITH THE OFFICIAL CLU

DESCRIPTION: The crp_t_mn### serves as the tabular information for all CRP contracts that are contained in a county. This information is updated in using the CRP Toolbar in the CLU Maintenance Tool. This information is reflective of the information obtained using the ArcView CRP Signup tools. This information is provided by FSA for use with USDA business activities only.

EXTENT: This information is maintained statewide by each Farm Service Agency Service Center.

SCALE: Based on CLU accuracy of 1:40000

SOURCE: USDA Farm Service Agency

DATA ENHANCMENTS: This information is being converted to a NEW FSA GIS LAYER IN FY2006

USAGE TIPS: This tabular data can be linked to identify fields that have CRP enrolled on a particular field. It should be noted that this table does not delineate the actual CRP boundary in every case.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized extensively by FSA. It is administered through the COMPLIANCE SECTION. ONLY **CERTIFIED CLU EDITORS** MAY MAKE CHANGES TO THE CLU.

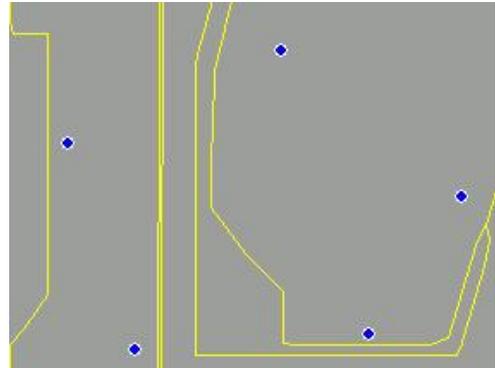
WEB ADDRESS: THIS INFORMATION IS PROVIDED FROM FSA ONLY!

USDA GEODATA NAME:**wet_p_mn###**

ACCESS CONSTRAINTS: This information can only be obtained through FSA. NRCS, RD and SWCD **will never** provide this information to another source.

ORIGINAL SOURCE NAME: wet_p_mn### **THIS FILE IS DERIVED FROM NRCS INFORMATION**

DESCRIPTION: The wet_p_mn### represents point information that depicts the presence of a wetland as determined by NRCS. Wetland points are delineated as blue dots on the map, regardless of the type of wetland. This information is currently maintained by the Wetland Toolbar that is part of the CLU Maintenance Tool. This point will reflect the status of the wetland point as being certified, inventoried or unknown. In addition, the tabular data for this layer also describes the certified wetland label reference as provided by NRCS.



NRCS is responsible for delineating official certified wetlands. In the absence of a certified wetland layer, FSA has created a point layer that indicates the approximate location of all inventoried wetlands as indicated on the 24x24 maps that the CLU boundaries were digitized from. These points are not intended to indicate any acreage or any type of wetland boundary.

A point was placed with the indicated wetland type at the approximate location that the label was marked at on the original paper map. Every attempt was made to add one point for each wetland label. These points may not correlate with the actual wetland basin, as additional points may have been added if a wetland covered more than one section or tract. These additional points are not intended to imply the addition of more wetlands to the map, but were added so that maps printed for individual producers would indicate the possible presence of an inventoried wetland on land they have an interest in. These wetland points should not be interpreted as defining a certified wetland, and only serve as a representation that some type of wetland may exist at or near the point indicated on the map. Producers who have questions regarding wetland information portrayed on a map should be referred to NRCS.

EXTENT: This information is maintained statewide by each Farm Service Agency Service Center.

SCALE: 1:40000

SOURCE: USDA Natural Resource Conservation Services. Information is updated by FSA using the Wetland Toolbar that is part of the CLU Maintenance Tool.

DATA ENHANCMENTS: None

USAGE TIPS: This information only depicts the presence of a wetland on land participating in USDA Farm programs. This information does not delineate the actual wetland boundary. This information is used only to make a producer or owner aware of the wetland that exists.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized extensively by FSA. THIS LAYER WILL NOT BE MODIFIED UNLESS INFORMATION IS PROVIDED FROM AN NRCS FIELD OFFICE.

WEB ADDRESS: None

F:\geodata\common_land_unit\other_clu

Information contained in this folder reflects all surrounding CLUs for a particular county. This folder contains the information that all USDA agencies have read access to use for USDA business activities only. Information is reflective of both the 2003 base imagery and information provided directly from the land owner or producer. This folder is automatically populated by a BAT script from the State Office.

DATA STEWARD: Farm Service Agency**USDA GEODATA NAME:****clu_copy_a_mn###**

ACCESS CONSTRAINTS: This information can only be obtained through FSA. NRCS, RD and SWCD **will never** provide this information to another source. ALL CLU REQUESTS MUST GO THROUGH APFO AND FSA. THERE ARE NO EXCEPTIONS. THIS INFORMATION IS PROTECTED BY FOIA.

ORIGINAL SOURCE NAME: [THIS FILE IS DERIVED FROM THE OFFICIAL CLU](#)

DESCRIPTION:

The clu_copy_a_mn### is a copy of the FSA maintained common land unit layer known as clu_a_mn###. This information is provided by FSA for use with USDA business activities only. This information reflects common land ownership and field boundaries. All CLU boundary files are updated and maintained using 2003 Ortho Imagery that has been approved by the Aerial Photography Field Office in Salt Lake City, Utah.



EXTENT: This information is maintained statewide by each Farm Service Agency Service Center.

SCALE: 1:40000

SOURCE: USDA Farm Service Agency. Information is updated based on the 2003 Ortho Imagery provided by APFO.

DATA ENHANCEMENTS: None

USAGE TIPS: This data can be used to identify common ownership for owners and producers that are participating in FSA programs. CLU data does not reflect actual land ownership. This information reflects land that is enrolled or participating in FSA business programs and is used to track participation in these programs. This information can be used to see how all CLU's fit together throughout the state.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized extensively by all Service Center Agencies. THIS LAYER WILL NOT BE MODIFIED BY ANY AGENCY OTHER THAN FSA. THIS DATA LAYER CAN BE MODIFIED AT ANY TIME BY FSA.

WEB ADDRESS: None

F:\geodata\conservation_practices

This folder does not contain information at this time.

DATA STEWARD: FSA & NRCS

USDA GEODATA NAME:

None

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: None

DESCRIPTION: None

EXTENT: None

SCALE: None

SOURCE: None

DATA ENHANCMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: None

WEB ADDRESS: None

F:\geodata\cultural_resources

This folder does not contain information at this time.

DATA STEWARD: FSA & NRCS

USDA GEODATA NAME:

None

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: None

DESCRIPTION: None

EXTENT: None

SCALE: None

SOURCE: None

DATA ENHANCMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: None

WEB ADDRESS: None

F:\geodata\disaster_events

This folder contains information that identifies areas impacted by natural disasters and contains a sub folder for FSA FACILITIES known as fsa_facilities. Access to the fsa_facilities is allowed only for designated FSA employees such as the County Executive Director and the State FSA Office.

DATA STEWARD: Farm Service Agency

USDA GEODATA NAME:

None

ACCESS CONSTRAINTS: Critical Data Set Access is limited.

ORIGINAL SOURCE NAME: No Data Exists at this time

DESCRIPTION: TBA

EXTENT: TBA

SCALE: None

SOURCE: TBA

DATA ENHANCMENTS: TBA

USAGE TIPS: TBA

RELATED TABLES: TBA

USDA PROGRAM OR SECTION: Used for the FSA Disaster Programs and the recording of disaster events that occur in Minnesota.

WEB ADDRESS: None

F:\geodata\disaster_events\fsa_facilities

This subfolder contains point locations for food, feed, seed and fertilizer facilities in Minnesota. Access to this folder is LIMITED TO ONLY DESIGNATED FSA EMPLOYEES.

DATA STEWARD: Farm Service Agency

USDA GEODATA NAME:

None

ACCESS CONSTRAINTS: This information is protected by FOIA

ORIGINAL SOURCE NAME: None

DESCRIPTION: None

EXTENT: Statewide by county

SCALE: 1:24000

SOURCE: USDA Farm Service Agency

DATA ENHANCMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: FSA Disaster Programs

WEB ADDRESS: None

F:\geodata\ecological

This folder does not contain information at this time.

DATA STEWARD: Natural Resource Conservation Services

USDA GEODATA NAME:

None

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: None

DESCRIPTION: None

EXTENT: None

SCALE: None

SOURCE: None

DATA ENHANCMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: None

WEB ADDRESS: None

F:\geodata**elevation**

This folder contains information related to the elevation in Minnesota. There are two subfolders called DEM_10M and DEM_30M which are also discussed.

DATA STEWARD: **Natural Resource Conservation Services**

USDA GEODATA NAME:

contour_100ft_1_mn### / contour_###ft_1_mn

ACCESS CONSTRAINTS: None

DESCRIPTION: 100 foot contour lines derived from the 30 Meter elevation model created by the Department of Natural Resources.



EXTENT: Statewide

SCALE: 30 Meter (Approx 1:24,000)

SOURCE: Minnesota Department of Natural Resources

DATA ENHANCEMENTS: None

USAGE TIPS: Landscape analysis, hillshade generation for cartographic products, slope determination.

RELATED TABLES: None

USDA PROGRAM OR SECTION: Conservation

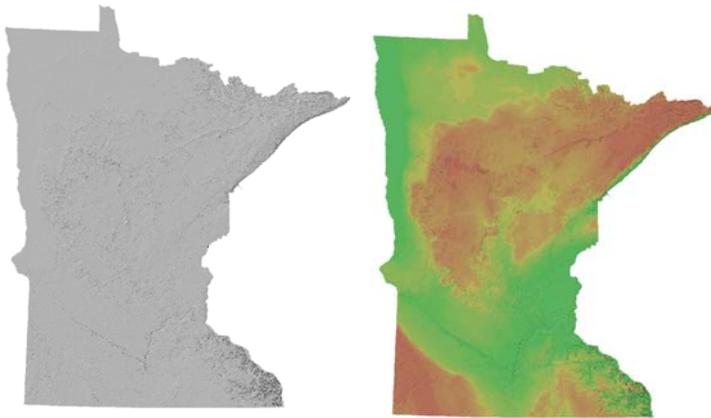
WEB ADDRESS: <http://deli.dnr.state.mn.us/>

USDA GEODATA NAME:

shaderelief_bw_mn / shaderelief_color_mn

ACCESS CONSTRAINTS: None

DESCRIPTION: These files are a product of a shaded relief process on the 30 meter resolution Digital Elevation Model data (dem30im3). This image reflects a light source in the NorthWest with a sun angle of 45 degrees. This image is best used as a background for other information. It is not useful for any type of analysis other than visual. This dataset has a cell resolution of 30 meters and was created from the 1:24,000 DEMs created by the USGS. Offsite pixel value = 254



EXTENT: Statewide

SCALE: 30 Meter (Approx 1:24,000)

SOURCE: Minnesota Department of Natural Resources

DATA ENHANCEMENTS: None

USAGE TIPS: Landscape analysis, hillshade generation for cartographic products, slope determination.

RELATED TABLES: None

USDA PROGRAM OR SECTION: Conservation

WEB ADDRESS: <http://deli.dnr.state.mn.us/>

F:\geodata**elevation**\LiDAR

This sub folder contains information specific to a particular county. Those counties with a ten meter product are found in this sub folder. This information may be available in other counties but it is intended for the use of soil scientists only. License agreements may apply to this folder.

DATA STEWARD: Natural Resource Conservation Services

USDA GEODATA NAME:

lidar_a_mn### / lidar_a_##_mn### / lidar_hillshd / lidar_slope

ACCESS CONSTRAINTS: Based on County

DESCRIPTION: Any local LiDAR datasets. Could include those converted to hillshade and/or shaded relief.

EXTENT: County specific

SCALE: 10 Meter

SOURCE: Based on County

DATA ENHANCMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: NRCS SOILS

WEB ADDRESS: None



F:\geodata\elevation\NED

This sub folder contains information specific to a particular county. Those counties with a ten meter product are found in this sub folder. This information may be available in other counties but it is intended for the use of soil scientists only. License agreements may apply to this folder.

DATA STEWARD: Natural Resource Conservation Services

USDA GEODATA NAME:

ned##m_mn###

ACCESS CONSTRAINTS: Based on County

DESCRIPTION: National Elevation data, in meters.

EXTENT: County specific

SCALE: 10 Meter

SOURCE: Based on County

DATA ENHANCMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: NRCS SOILS

WEB ADDRESS: None

F:\geodata\elevation\Shade

This sub folder contains information the 30 meter Digital elevation model for the State of Minnesota developed by the Department of Natural Resources.

DATA STEWARD: Natural Resource Conservation Services

USDA GEODATA NAME:

shd_mn###

ACCESS CONSTRAINTS: Based on County

DESCRIPTION: Shaded relief folder derived from NED dataset. Contains county files..

EXTENT: Statewide

SCALE: 30Meter

SOURCE: U.S. Geological Survey

DATA ENHANCMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: NRCS SOILS, FSA Conservation

WEB ADDRESS: <http://deli.dnr.state.mn.us/>

F:\geodata\elevation\Slope

This sub folder contains information the 30 meter Digital elevation model for the State of Minnesota developed by the Department of Natural Resources.

DATA STEWARD: Natural Resource Conservation Services

USDA GEODATA NAME:

slope##_mn###

ACCESS CONSTRAINTS: Based on County

DESCRIPTION: Slope folder derived from NED dataset. Contains county files.

EXTENT: Statewide

SCALE: 30Meter

SOURCE: U.S. Geological Survey

DATA ENHANCEMENTS: None

USAGE TIPS: A digital elevation model (DEM) product produced at a 30 meter sampling interval using a variety of production processes. Data have been converted from the original USGS DEM format to ARC GRID and then to EPPL7 format. This file contains one attribute ELEVATION that is elevation in feet. It is useful for large scale hydrologic and other land surface investigations

RELATED TABLES: None

USDA PROGRAM OR SECTION: NRCS SOILS, FSA Conservation

WEB ADDRESS: <http://deli.dnr.state.mn.us/>

F:\geodata\endangered_habitat

Information contained in this folder is under a license agreement with the Department of Natural Resources. Only designated USDA employees have access to the datasets found in this folder. All license agreements are for specific agencies. **SWCD cannot use this information unless they have obtained their own license from the Department of Natural Resources.** FSA, NRCS and RD all have separate user agreements in place for the use of this folder. The FSA and RD agreements are not for local Service Centers. Their agreements reflect only designated personnel. The NRCS agreement covers all NRCS employees.

DATA STEWARD: Natural Resource Conservation Services

USDA GEODATA NAME:

biodiversity_sites_a_mn

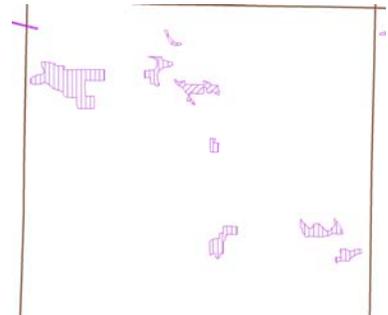
ACCESS CONSTRAINTS: Must have license agreement. Data is proprietary and for planning purposes only. Data cannot be distributed to any persons or agency. Data cannot be printed as maps.

ORIGINAL SOURCE NAME: None

DESCRIPTION: This data layer represents areas with varying levels of native biodiversity that may contain high quality native plant communities, rare plants, rare animals, and/or animal aggregations.

EXTENT: Statewide

SCALE: 1:24000



SOURCE: The Minnesota County Biological Survey, Minnesota Department of Natural Resources, Division of Ecological Services

DATA ENHANCMENTS: None

USAGE TIPS: Data is available for counties where the MCBS work has been completed and published. Data is added as field work is verified, biodiversity significance ranks are established, and data are published. Data for previously completed counties are not regularly updated, except to correct for errors.

RELATED TABLES: None

USDA PROGRAM OR SECTION: NRCS, FSA Environmental Reviews, RD Reviews

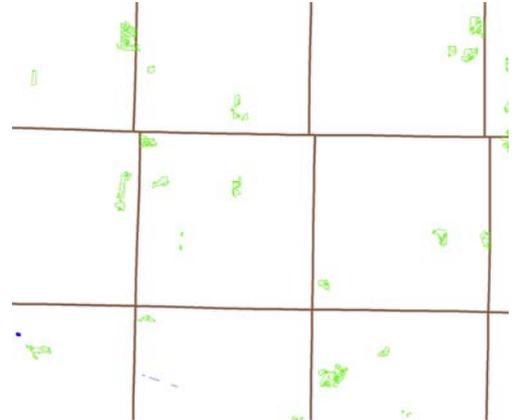
WEB ADDRESS: Must Contact the Minnesota Department of Natural Resources directly

USDA GEODATA NAME:**native_plant_communities_a_mn**

ACCESS CONSTRAINTS: Must have license agreement. Data is proprietary and for planning purposes only. Data cannot be distributed to any persons or agency. Data cannot be printed as maps.

ORIGINAL SOURCE NAME: None

DESCRIPTION: This data layer contains results of the Minnesota County Biological Survey (MCBS). It includes polygons representing the highest quality native plant communities remaining in surveyed counties. Native plant communities are generally classified and described by considering vegetation, hydrology, land forms, soils, and natural disturbance regimes. The native plant community types and subtypes in this data layer are classified primarily by vegetation and major habitat features. Classification and inventory of native plant communities is an ongoing effort of the Natural Heritage and Nongame Research Program and the Minnesota County Biological Survey.



The Minnesota County Biological Survey located higher quality native plant communities using aerial photo interpretation followed by field survey of selected sites. Areas that were not mapped as native plant community polygons primarily represent: 1) land where modern human activities such as farming, overgrazing, wetland drainage, recent logging and residential and commercial development have destroyed or greatly altered the natural vegetation; and 2) native plant community polygons that were below minimal size criteria. Note: some areas that were not mapped are important for conservation. They may include habitat for native plants and animals, corridors for animal movement, buffers surrounding high quality natural areas and open space, and target areas for restoration.

EXTENT: Statewide

SCALE: 1:24000

SOURCE: The Minnesota County Biological Survey, Minnesota Department of Natural Resources, Division of Ecological Services

DATA ENHANCEMENTS: None

USAGE TIPS: This data set is the most complete source of information on Minnesota's native plant communities for the counties in which the biological survey has been completed. Data is added as county surveys are completed. Data for previously completed counties are not regularly updated, except to correct for errors.

RELATED TABLES: None

USDA PROGRAM OR SECTION: NRCS, FSA Environmental Reviews, RD Reviews

WEB ADDRESS: None

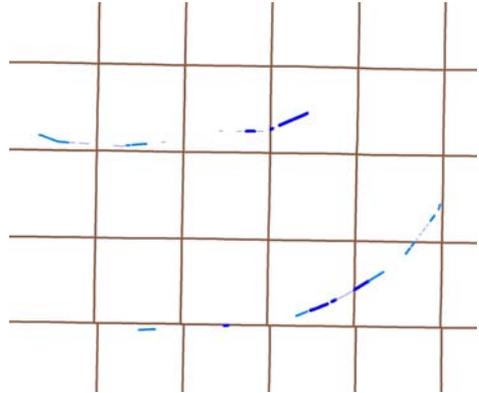
USDA GEODATA NAME:

railroad_prairie_survey_1_mn

ACCESS CONSTRAINTS: Must have license agreement. Data is proprietary and for planning purposes only. Data cannot be distributed to any persons or agency. Data cannot be printed as maps.

ORIGINAL SOURCE NAME: None

DESCRIPTION: The 1997 legislature directed the Minnesota DNR to survey active railroad rights-of-way for native prairie remnants. This data layer represents the locations of these remnants, their quality, and type. The survey attempted to examine all railroad rights-of-way in the Prairie Parkland and Eastern Broadleaf Forest ECS Provinces, less Ramsey, Hennepin, Wright, Carver, Scott, and Houston counties, and conformed to the methods of other efforts by the Minnesota County Biological Survey.



EXTENT: Statewide

SCALE: 1:24000

SOURCE: The Minnesota County Biological Survey, Minnesota Department of Natural Resources, Division of Ecological Services

DATA ENHANCMENTS: None

USAGE TIPS: Each railroad right-of-way segment contains specific information about the feature represented by the line in the coverage, including the type of prairie remnant present at the site, and the diversity of prairie species found at the site. Note that the line segments in this coverage represent the railroad grade, and not the actual area of the railroad right-of-way. The prairie remnants present at each survey site may occur on either or both sides of the railroad grade.

RELATED TABLES: None

USDA PROGRAM OR SECTION: NRCS, FSA Environmental Reviews, RD Reviews

WEB ADDRESS: None

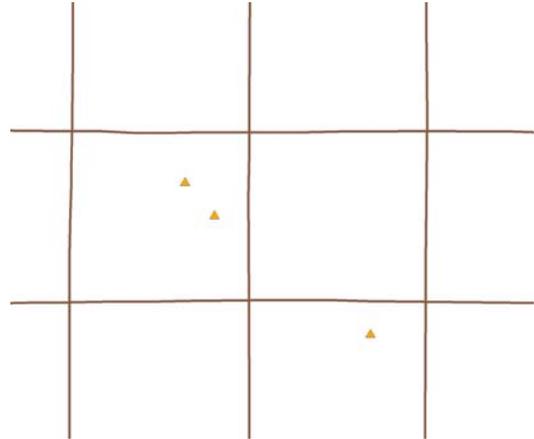
USDA GEODATA NAME:

sharptail_leks_p_mn (statewide)

ACCESS CONSTRAINTS: LICENSED DATASET

ORIGINAL SOURCE NAME: alleksmerged.shp

DESCRIPTION: Northwestern Minnesota lek locations in the coverage are current as of 1997 and East central Minnesota lek location in the coverage are current as of 1998. It includes all leks ever documented up to those dates, regardless of whether they were currently active or not at the time. Please note that lek locations are not based on an exhaustive survey of the state. Leks, other than those shown on the coverage, likely exist, but have not been documented. Also please note that lek locations are "**sensitive**" data. Sharp-tailed grouse or leks are vulnerable to human disturbance, especially to hunting. Precise lek locations should not be distributed to the general public, such as hunters, or the media. This coverage is intended for NRCS use only. "



EXTENT: Statewide

SCALE: 1:24,000

SOURCE: Minnesota DNR – Division of Wildlife

DATA ENHANCEMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: This dataset is used by NRCS for its annual Natural Heritage Dataset project. This dataset is licensed to all NRCS employees, the State FSA office, and the State RD office only.

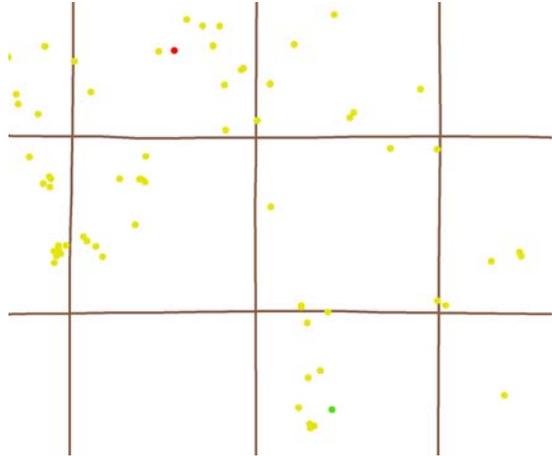
WEB ADDRESS: THIS INFORMATION IS PROVIDED DIRECTLY FROM THE STATE OFFICE ONLY!

USDA GEODATA NAME:**te_species_p_mn**

ACCESS CONSTRAINTS: **MUST HAVE LICENSE AGREEMENT**. Data is proprietary and for planning purposes only. Data cannot be distributed to any persons or agency. Data cannot be printed as maps.

ORIGINAL SOURCE NAME: None

DESCRIPTION: This data set contains information about Minnesota's rare plant and animal species and significant examples of Minnesota's plant community types, significant wildlife habitats, and significant geologic features. Its purpose is to foster better understanding and protection of these features. This data set is intended to assist in identifying natural areas most needing protection, and in the environmental review process that must evaluate potential impacts to these areas.



EXTENT: Statewide

SCALE: 1:24000

SOURCE: The Minnesota County Biological Survey, Minnesota Department of Natural Resources, Division of Ecological Services

DATA ENHANCEMENTS: None

USAGE TIPS: Due to the sensitive nature of these data and the inherent complexity of interpreting the database, the Natural Heritage and Nongame Research Program (NHNRP) provides access to the data under certain terms and conditions. To facilitate access, the NHNRP has established procedures for requesting data and for obtaining a license agreement to use this GIS data set. Contact Sarah Hoffmann at (651) 296-7863 (sarah.hoffmann@dnr.state.mn.us) for further information.

RELATED TABLES: None

USDA PROGRAM OR SECTION: NRCS, FSA Environmental Reviews, RD Reviews

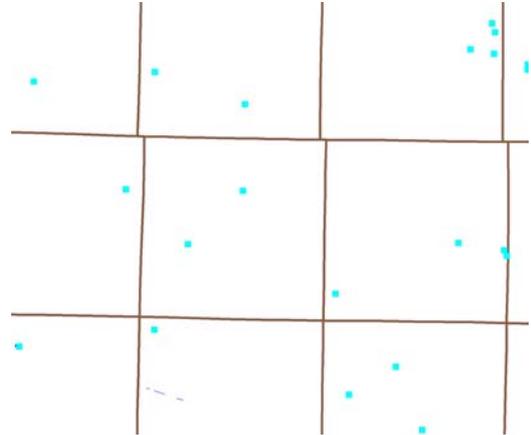
WEB ADDRESS: None

USDA GEODATA NAME:**other_rare_species_p_mn**

ACCESS CONSTRAINTS: **MUST HAVE LICENSE AGREEMENT**. Data is proprietary and for planning purposes only. Data cannot be distributed to any persons or agency. Data cannot be printed as maps.

ORIGINAL SOURCE NAME: te_species_p_mn

DESCRIPTION: This data set contains information about Minnesota's rare plant and animal species and significant examples of Minnesota's plant community types, significant wildlife habitats, and significant geologic features. Its purpose is to foster better understanding and protection of these features. This data set is intended to assist in identifying natural areas most needing protection, and in the environmental review process that must evaluate potential impacts to these areas.



EXTENT: Statewide

SCALE: 1:24000

SOURCE: The Minnesota County Biological Survey, Minnesota Department of Natural Resources, Division of Ecological Services

DATA ENHANCMENTS: None

USAGE TIPS: Due to the sensitive nature of these data and the inherent complexity of interpreting the database, the Natural Heritage and Nongame Research Program (NHNRP) provides access to the data under certain terms and conditions. To facilitate access, the NHNRP has established procedures for requesting data and for obtaining a license agreement to use this GIS data set. Contact Sarah Hoffmann at (651) 296-7863 (sarah.hoffmann@dnr.state.mn.us) for further information.

RELATED TABLES: None

USDA PROGRAM OR SECTION: NRCS, FSA Environmental Reviews, RD Reviews

WEB ADDRESS: None

F:\geodata\environmental_easements

This folder contains information for environmental easements found in Minnesota.

DATA STEWARD: Natural Resource Conservation Services

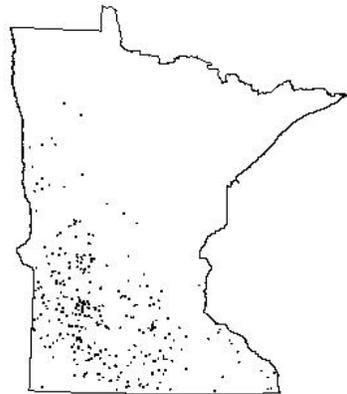
USDA GEODATA NAME:

rima_a_mn / rima_a_mn###

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: rima

DESCRIPTION: This file represents conservation easements recorded by the Minnesota Board of Water and Soil Resources. It is an ArcView shapefile consisting of polygons representing easement locations throughout the state.



EXTENT: Statewide

SCALE: 1:24000

SOURCE: Minnesota Board of Water and Soil Resources (BWSR)

DATA ENHANCEMENTS: None

USAGE TIPS: Only active BWSR conservation easements starting between 1986 and May 10, 2004 are included in this file. Easements that have since expired are NOT included. Both active and expired easements are available in a different GIS layer. If needed, contact BWSR for assistance. NOTE: A small number of CREP applications are still in process and are not included in this shapefile.

RELATED TABLES: None

USDA PROGRAM OR SECTION: Compliance, Conservation

WEB ADDRESS: None

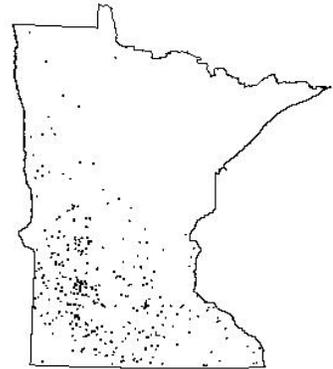
USDA GEODATA NAME:

rimm_a_mn / rimm_a_mn###

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: rimm

DESCRIPTION: This file represents conservation easements recorded by the Minnesota Board of Water and Soil Resources. It is an ArcView shapefile consisting of polygons representing easement locations throughout the state. This data set was developed to record information and track location of state funded conservation easements.



EXTENT: Statewide

SCALE: 1:24000

SOURCE: Minnesota Board of Water and Soil Resources (BWSR)

DATA ENHANCEMENTS: None

USAGE TIPS: Some easements were overlooked when initial digitizing effort was undertaken. BSWR knows that there are about 195 expired easements and 90 active easements missing from the master shapefile. An ongoing effort is underway to add the missing easements to this file. Also, some newly recorded easements are still in the process of being digitized. This represents the most current and complete layer available. If more current figures are required, see the BWSR website or contact them directly. www.bswr.state.mn.us

RELATED TABLES: None

USDA PROGRAM OR SECTION: Compliance, Conservation

WEB ADDRESS: None

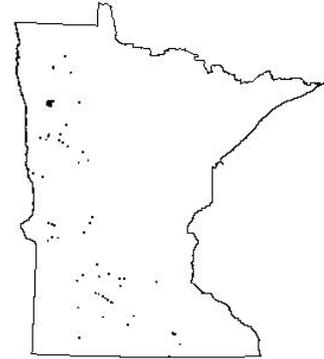
USDA GEODATA NAME:

wrp_ewp_a_mn / wrp_ewp_a_mn###

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: wrp_a_mn

DESCRIPTION: This dataset was developed in 1977 to provide the NRCS National Office with statewide coverage of all NRCS managed conservation easements. Easements in this dataset date back to 1994 and include permanent Wetlands Reserve Program (WRP) easements, 30-year WRP easements, Emergency Watershed Protective Program Floodplain Easements (EWPFPE) and Emergency Wetlands Reserve Program (EWRP) easements. The data is updated whenever an easement is ready to be recorded the recorder's office of the county where the easement is located.



in

EXTENT: Statewide

SCALE: 1:24000

SOURCE: Natural Resource Conservation Services

DATA ENHANCEMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: Conservation, Farm Loan, Compliance

WEB ADDRESS: None

F:\geodata\environmental_easements\fsa

This folder contains information for environmental easements found in Minnesota.

DATA STEWARD: Farm Service Agency

USDA GEODATA NAME:

No Data at this time

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME:

DESCRIPTION:

EXTENT:

SCALE:

SOURCE:

DATA ENHANCMENTS: None

USAGE TIPS:

RELATED TABLES: None

USDA PROGRAM OR SECTION:

WEB ADDRESS: None

F:\geodata\ **geographic_names**

This folder contains information for geographic names that are common throughout Minnesota.

DATA STEWARD: Rural Development

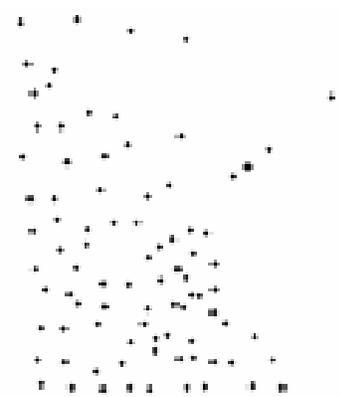
USDA GEODATA NAME:

cntyseats_p_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: countyseats.shp

DESCRIPTION: This layer contains point locations for each of the 87 county seats in the state. The points were derived from US Census Bureau data.



EXTENT: Statewide

SCALE: 1:24000

SOURCE: U.S. Census Bureau

DATA ENHANCEMENTS: None

USAGE TIPS: Identifies county seat locations for all counties in Minnesota

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer can be utilized by any USDA Agency or Section for reference or analysis. This data cannot be modified by a USDA Agency.

WEB ADDRESS: <http://deli.dnr.state.mn.us/>

USDA GEODATA NAME:**gnis_p_mn**

ACCESS CONSTRAINTS: None**ORIGINAL SOURCE NAME:** gnis

DESCRIPTION: The Geographic Names Information System (GNIS), developed by the United States Geological Survey in cooperation with the U.S. Board of Geographic Names, provides primary information on location of all known places, features, and areas in the United States which are identified by a proper name. Specifically, information on this file is from the National Geographic Names Data Base, which contains names of all places, features, and areas which appear on the USGS 7.5-minute quadrangle map series. This version was acquired through Environmental Systems Research Institute, Inc. (ESRI).

**EXTENT:** Statwide**SCALE:** 1:24000**SOURCE:** U.S. Geological Survey**DATA ENHANCMENTS:** None

USAGE TIPS: To provide the means to find specific natural and cultural features. To supply a base mapping and reference source. Data should fit well with Minnesota DRGs. Elevation values are typically populated only for lakes and towers, but are sometimes assigned to other features.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer can be utilized by any USDA Agency or Section for reference or analysis. This data cannot be modified by a USDA Agency.

WEB ADDRESS: <http://deli.dnr.state.mn.us/>

USDA GEODATA NAME:

gnisnonpop_p_mn###

ACCESS CONSTRAINTS: This information can only be obtained by FSA. NRCS, RD and SWCD will never provide this information to another source.

ORIGINAL SOURCE NAME: gnisnonpop_p_mn ###

DESCRIPTION: Vector dataset provides the federally recognized name and attributes describing the location.

EXTENT: This information is updated statewide by the Farm Service State Office.

SCALE: 1:24000

SOURCE: USDA NRCS Geospatial Data Gateway

DATA ENHANCEMENTS: None

USAGE TIPS: This data provides a point location and attribute data from non-populated place names.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer can be utilized by any USDA Agency or Section for reference or analysis. This data cannot be modified by a USDA Agency.

WEB ADDRESS: <http://\datagateway.nrcs.usda.gov\GatewayHome.html>



USDA GEODATA NAME:

gnispop_p_mn###

ACCESS CONSTRAINTS: This information can only be obtained by FSA, NRCS, RD and SWCD will never provide this information to another source.

ORIGINAL SOURCE NAME: gnispop_p_mn ###

DESCRIPTION: Vector dataset provides the federally recognized name and attributes describing the location.

EXTENT: This information is updated statewide by the Farm Service State Office.

SCALE: 1:24000

SOURCE: USDA NRCS Geospatial Data Gateway

DATA ENHANCEMENTS: None

USAGE TIPS: This data provides a point location and attribute data from populated place names.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer can be utilized by any USDA Agency or Section for reference or analysis. This data cannot be modified by a USDA Agency.

WEB ADDRESS: <http://\datagateway.nrcs.usda.gov\GatewayHome.html>



F:\geodata\geology

This folder contains geologic information about Minnesota. There are a number of subfolders that are also described.

DATA STEWARD: Natural Resource Conservation Services

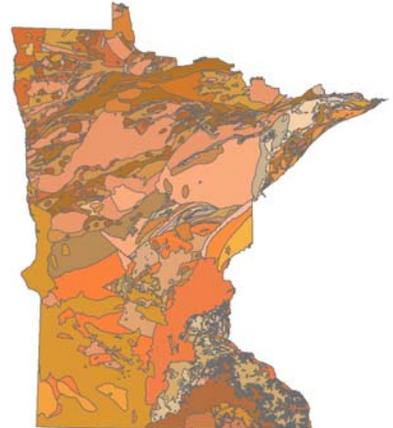
USDA GEODATA NAME:

bedrock_a_mn

ACCESS CONSTRAINTS: Credit given to the Minnesota Geological Survey.

ORIGINAL SOURCE NAME: BGPG2000

DESCRIPTION: October 1999 - October 2000 addition of recent geologic data and recompilation of state bedrock geology. The added geologic data was field mapped at 1:24,000 on USGS topographic maps and compiled on 1:24,000 , 1:100,000, or 1:200,000 depending on the published map scale. Geologic contacts were determined with the aid of aerial photographs, hillshaded relief maps, and field mapping. Geologic units were determined by field observation and laboratory analyses including thin section petrography, and geochemical analysis.



EXTENT: Statewide

SCALE: 1: 1000000

SOURCE: Minnesota Geological Survey

DATA ENHANCMENTS: None

USAGE TIPS: None

RELATED TABLES: See Metadata

USDA PROGRAM OR SECTION: None

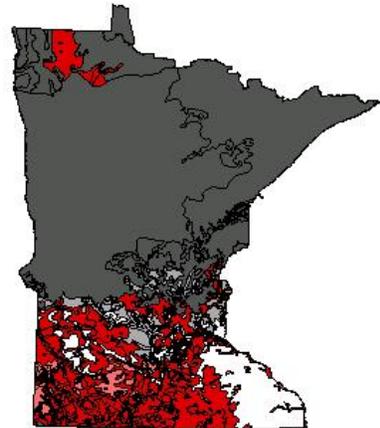
WEB ADDRESS: <http://www.lmic.state.mn.us/chouse/metalong.html>

USDA GEODATA NAME:**depth_to_bedrock_a_mn**

ACCESS CONSTRAINTS: Credit given to the Minnesota Geological Survey, the Minnesota Pollution Control Agency, and the Land Management Information Center.

ORIGINAL SOURCE NAME: dpthbdrk

DESCRIPTION: This dataset describes the depth to bedrock (based on 100-foot contour intervals) and the areas of significant bedrock outcrops in Minnesota, as delineated by the Minnesota Geological Survey. It is an automated version of the Minnesota Geological Survey State Map Series Map S-14 (Geologic Map of Minnesota: Depth to Bedrock), 1982, by B.M. Olsen and J.H. Mossler. (1:1,000,000).



The file is a modification of the published map. The file was modified by the Minnesota Pollution Control Agency to create closed polygons where none existed on the base map. This occurred primarily in the northwestern portion of the state, where few data points existed to draw contour lines, but where the depth to bedrock is generally high. This was done in order to enable the creation of a polygon digital coverage.

EXTENT: Statewide

SCALE: 1: 1000000

SOURCE: Minnesota Geological Survey

DATA ENHANCMENTS: None

USAGE TIPS: None

RELATED TABLES: See Metadata

USDA PROGRAM OR SECTION: None

WEB ADDRESS: <http://www.lmic.state.mn.us/chouse/metalong.html>

USDA GEODATA NAME:

geomorph_a_mn /geomorph_a_mn###

ACCESS CONSTRAINTS: Credit given to the Minnesota Geological Survey, the Minnesota Pollution Control Agency, and the Land Management Information Center.

ORIGINAL SOURCE NAME: geomorph

DESCRIPTION: 1:100,000 scale geomorphology data describing a wide variety of conditions related to surficial geology within a hierarchical classification scheme that was devised for use within Minnesota.



EXTENT: Statewide

SCALE: 1: 1000000

SOURCE: University of Minnesota-Duluth Geology Department; MN Geological Survey, MN DNR

DATA ENHANCEMENTS: None

USAGE TIPS: To serve as an essential information source in the development of level 4 Ecological Classification System (ECS) delineations (Land Type Associations). Data were derived from a wide variety of image and hardcopy data sources of varying vintages.

RELATED TABLES: See Metadata

USDA PROGRAM OR SECTION: None

WEB ADDRESS: <http://www.lmic.state.mn.us/chouse/metalong.html>

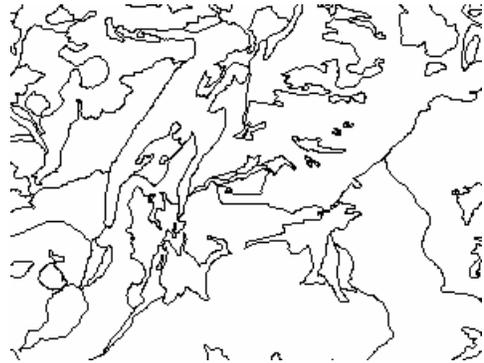
USDA GEODATA NAME:

geomorph_disslv_a_mn / geomorph_disslv_a_mn###

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: geomorph_a_mn

DESCRIPTION: Dissolved by NRCS. 1:100,000 scale geomorphology data describing a wide variety of conditions related to surficial geology within a hierarchical classification scheme that was devised for use within Minnesota.



EXTENT: Statewide

SCALE: 1: 1000000

SOURCE: University of Minnesota-Duluth Geology Department; MN Geological Survey, MN DNR

DATA ENHANCEMENTS: Dissolve completed by NRCS for easier use and or application

USAGE TIPS: To serve as essential information source in the development of level 4 Ecological Classification System (ECS) delineations (Land Type Associations). Data were derived from a wide variety of image and hardcopy data sources of varying vintages.

RELATED TABLES: See Metadata

USDA PROGRAM OR SECTION: None

WEB ADDRESS: <http://www.lmic.state.mn.us/chouse/metalong.html>

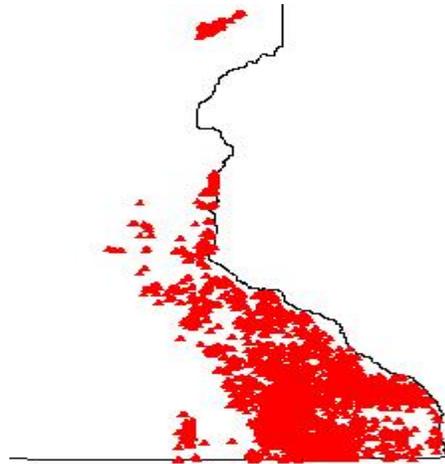
USDA GEODATA NAME:

karst_p_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: karst.shp

DESCRIPTION: A karst feature database of Southeastern Minnesota has been developed that allows sinkhole and other karst feature distributions to be displayed and analyzed across existing county boundaries in a GIS environment. The central DBMS is a relational GIS-based system interacting with three modules: spatial operation, spatial analysis, and hydrogeological modules.



EXTENT: Mainly Southeastern Minnesota

SCALE: 1:24000

SOURCE: Minnesota Department of Natural Resources

DATA ENHANCEMENTS: None

USAGE TIPS: 1) to look for large-scale patterns in the sinkhole distribution; 2) to conduct statistical tests of hypotheses about the formation of sinkholes; 3) to create web-accessible management tools for land-use managers and planners; and 4) to deliver geomorphic and hydrogeological criteria for making scientifically valid land-use policies and decisions in karst areas of southeastern Minnesota.

RELATED TABLES: karstpt3.avl

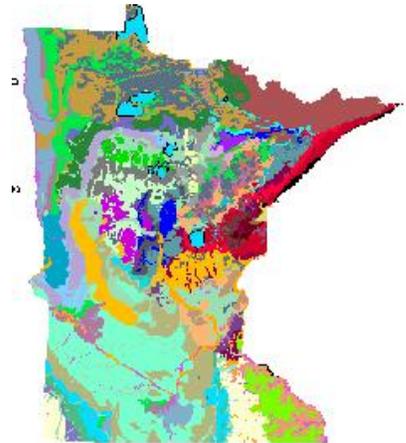
USDA PROGRAM OR SECTION: Conservation, Farm Loan, Disaster

WEB ADDRESS: <http://deli.dnr.state.mn.us/>

USDA GEODATA NAME:**quatgeo_a_mn**

ACCESS CONSTRAINTS: Credit given to the Minnesota Geological Survey, the Minnesota Pollution Control Agency, and the Land Management Information Center.**ORIGINAL SOURCE NAME:** quatgeo

DESCRIPTION: This layer describes the general distribution of surficial sediments in Minnesota, as delineated and classified by the Minnesota Geological Survey. It is a digital version of the Minnesota Geological Survey State Map Series Map S-1 (Geologic Map of Minnesota: Quaternary Geology), 1982, by H.C. Hobbs and J.E. Goebel. (1:500,000). The digital file was created by scanning the 1:500,000-scale paper map and then converting the scanned image into an Arc\INFO polygon coverage. The Arc coverage was also converted to an EPPL 40-acre grid cell file, and then later updated for incorporation into the EPPL MGC100 data set.

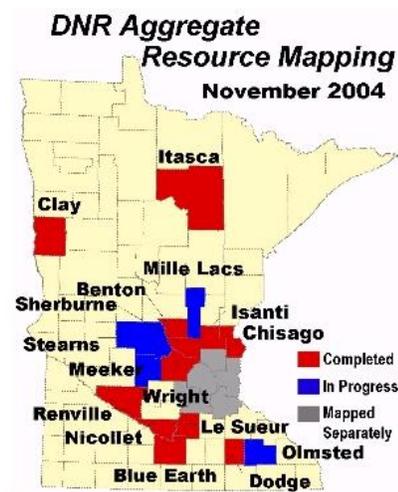
**EXTENT:** Statewide**SCALE:** 1: 1000000**SOURCE:** Minnesota Geological Survey**DATA ENHANCMENTS:** None**USAGE TIPS:** None**RELATED TABLES:** See Metadata**USDA PROGRAM OR SECTION:** None**WEB ADDRESS:** <http://www.lmic.state.mn.us/chouse/metalong.html>

F:\geodata\geology\aggregate_resources

This folder contains information about the geology, geological characteristics, and aggregate potential of various counties in Minnesota. Only counties named in this folder have had an aggregate study completed.

DATA STEWARD: Natural Resource Conservation Services**USDA GEODATA NAME:****TBD****ACCESS CONSTRAINTS:** None**ORIGINAL SOURCE NAME:** Varies by county

DESCRIPTION: This dataset consists of information about the geology, geological characteristics, and aggregate potential of 165 map units. Five fields relate to the surficial geology of the map unit. Twelve fields relate to the sand and gravel characteristics, including probability, quality, texture, overburden thickness, and deposit size, of the map unit. Eleven fields relate to crushed stone characteristics, including probability, quality, overburden thickness, and deposit size, of the map unit. These characteristics were used to calculate the aggregate potential of the map unit for both crushed stone and sand and gravel.

**EXTENT:** Selected Counties**SCALE:** 1:100,000**SOURCE:** Minnesota Department of Natural Resources**DATA ENHANCMENTS:** None

USAGE TIPS: The sand and gravel resource units were delineated by aerial photograph interpretations. The potential of the deposit is based on geological factors and not economical factors. Generalizations were made, this is a reconnaissance-scale study (1:50,000). The crushed stone resource units were delineated by creating a model of the depth to bedrock (1:100,000).

RELATED TABLES: Refer to County folder**USDA PROGRAM OR SECTION:** TBA**WEB ADDRESS:** <http://www.lmic.state.mn.us/chouse/metalong.html>

F:\geodata\geology\geologic_atlas

This folder contains geologic information about Minnesota.

DATA STEWARD: Natural Resource Conservation Services

USDA GEODATA NAME:

ORGANIZED BY COUNTY FOLDER

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: Varies by county

DESCRIPTION: A County Geologic Atlas is a systematic study of a county's geologic and ground water resources. Geologic studies include both near-surface deposits and bedrock. Ground water studies include flow systems, aquifer capacity, and ground water chemistry. In some areas sand and gravel deposits, sinkholes, or other features are studied. Interpretation of sensitivity to pollution is also part of an atlas. The information is organized, analyzed, and displayed using geographic information technology.

EXTENT: These are county specific

SCALE: Check Metadata for each county

SOURCE: Minnesota Department of Natural Resources

DATA ENHANCEMENTS: None

USAGE TIPS: Most Geologic Atlas and Regional Hydrogeologic Assessment projects are done in two parts. The Minnesota Geological Survey covers basic geology and creates databases of information such as wells and soil borings in part A. The Minnesota Department of Natural Resources handles hydrogeology and ground water sensitivity layers in Part B. Completion of a project's two parts is staggered: Part A is completed about two years before Part B, compiling information used to create part B. Parts A and B are published and distributed as two separate products.

RELATED TABLES: None

USDA PROGRAM OR SECTION: TBA

WEB ADDRESS: <http://www.lmic.state.mn.us/chouse/metalong.html>

Geologic Atlases (by county):

[Crow Wing, Part A](#)
[Fillmore, Part A and Part B](#)
[Goodhue, Part A and Part B](#)
[Mower, Part A and Part B](#)
[Pine, Part A and Part B](#)
[Pope, Part A](#)
[Ramsey](#)
[Rice, Part A and Part B](#)
[Stearns, Part A and Part B](#)
[Wabasha, Part A and Part B](#)

F:\geodata\geology\hydrogeologic_atlas

This folder contains hydrologic information about Minnesota. A regional Hydrogeologic assessment is similar to an atlas in that both geology and groundwater are studied.

DATA STEWARD: Natural Resource Conservation Services

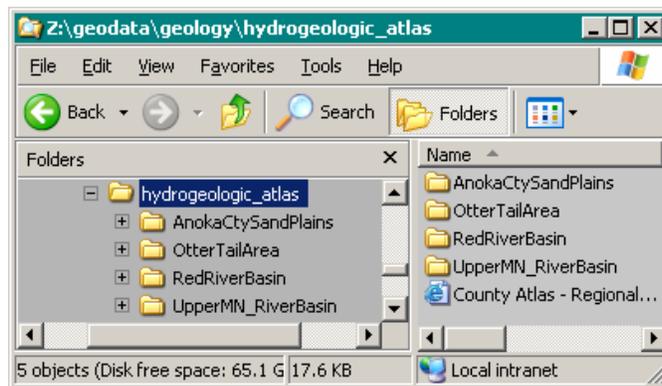
USDA GEODATA NAME:

ORGANIZED BY GEOGRAPHIC EXTENT FOLDERS

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: Varies by county

DESCRIPTION: A Regional Hydrogeologic Assessment is similar to an atlas in that both geology and ground water are studied. However, a regional assessment covers a larger area--typically four to nine counties--in less detail. A regional assessment emphasizes near-surface geology, ground-water properties, and sensitivity to pollution.



EXTENT: These are county specific areas

SCALE: Check Metadata for each county

SOURCE: Minnesota Department of Natural Resources

DATA ENHANCMENTS: None

USAGE TIPS:

RELATED TABLES: None

USDA PROGRAM OR SECTION: TBA

WEB ADDRESS: <http://www.lmic.state.mn.us/chouse/metalong.html>

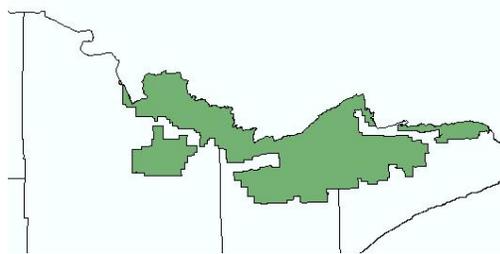
F:\geodata\government_units

This folder contains information pertaining to governmental units found in Minnesota such as cities, counties, tribal boundaries and townships. This folder reflects jurisdictions for local, state and federal units of government.

DATA STEWARD: Farm Service Agency**USDA GEODATA NAME:****bwcaw_a_mn**

ACCESS CONSTRAINTS: None**ORIGINAL SOURCE NAME:** bwcawpy3.shp

DESCRIPTION: This is a dataset that delineates the Boundary Water Canoe Area Wilderness. This file is strictly reference information for cartographic purposes.



EXTENT: This information is available for St. Louis, Lake and Cook County. This is a localized dataset. Northeast Minnesota covering the Boundary Waters Canoe Area Wilderness.

SCALE: 1:24000**SOURCE:** Minnesota Department of Natural Resources**DATA ENHANCEMENTS:** None**USAGE TIPS:** Identifies the Boundary Water Canoe Area Wilderness boundary**RELATED TABLES:** None

USDA PROGRAM OR SECTION: Can be used for identifying if properties fall with in the boundary of the BWCAW. Primarily used by the State Office and the Service Centers in Virginia, MN and Duluth, MN.

WEB ADDRESS: No Longer Available

USDA GEODATA NAME:

citynames_p_mn / citynames_p_mn###

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: citynames.shp

DESCRIPTION: There was a city point file included with the first ArcInfo versions of the BaseMap (CD-ROMs 1996-1999) and this city point file was created as a possible useful feature. It was created as an afterthought while all the coverages were being developed and no documentation - no metadata - was created for this file.

EXTENT: Statewide

SCALE: Unknown

SOURCE: Minnesota Department of Transportation

DATA ENHANCMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: None

WEB ADDRESS: None

USDA GEODATA NAME:

cnty24k_a_mn / cnty24k_a_mn###

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: BDRY_COUNPY2.shp

DESCRIPTION: Minnesota county boundaries derived from a combination of 1:24,000 scale PLS lines, 1:100,000 scale TIGER, 1:100,000 scale DLG, and 1:24,000 scale hydrography lines. At the time of its development (1993), the largest available scale data were assembled to create the layer.



EXTENT: Statewide

SCALE: 1:24000

SOURCE: Minnesota Department of natural Resources

DATA ENHANCMENTS: None

USAGE TIPS: A cross-reference of all the common schemes for identifying Minnesota counties.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This dataset is used extensively by all Service Centers and the State Office.

WEB ADDRESS: <http://deli.dnr.state.mn.us>

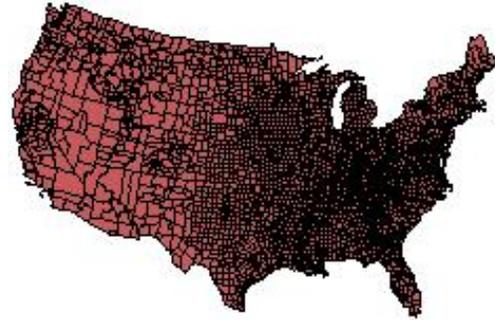
USDA GEODATA NAME:

cnty24k_a_us

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: cnty24k_a_us

DESCRIPTION: Depicts the location of the counties found in the United States.



EXTENT: Nationwide

SCALE: 1:24000

SOURCE: United States Department of Agriculture

DATA ENHANCEMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: Used in conjunction with multi-state projects and mapping projects that cross state lines.

WEB ADDRESS: None

USDA GEODATA NAME:

congdist_108_a_mn

ACCESS CONSTRAINTS: The U.S. Department of Agriculture, Service Center Agencies should be acknowledged as the data source in products derived from these data.

ORIGINAL SOURCE NAME: congdist_108_a_mn

DESCRIPTION: Vector dataset provides boundaries and attributes for each congressional district.



EXTENT: Statewide

SCALE: 1: 100000

SOURCE: U.S. Department of Commerce, Bureau of the Census - Geography Division

DATA ENHANCMENTS: None

USAGE TIPS: This data set is not designed for use as a primary regulatory tool in permitting or citing decisions

RELATED TABLES: None

USDA PROGRAM OR SECTION: FSA Reporting

WEB ADDRESS: <http://www.dot.state.mn.us/tda/basemap/county/statewide.html>

USDA GEODATA NAME:

fsacnty24k_a_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: fsacounty_a_mn.shp

DESCRIPTION: The fsacnty24k_a_mn file depicts the county boundaries used for split counties that are served by two different service centers in a county. This file breaks St. Louis into a north and south, Polk into east and west and Otter Tail into east and west extents. These splits were made along section and township lines as determined by the state FSA Committee.



EXTENT: Statewide

SCALE: 1:24000

SOURCE: USDA Farm Service Agency – Minnesota

DATA ENHANCMENTS: FSA County Codes have been added to the attribute table to define the split counties with a unique ID.

USAGE TIPS: This file is useful for identifying the service area of a county based on boundaries.

RELATED TABLES: None

USDA PROGRAM OR SECTION: Used extensively by FSA for all program activity and tracking.

WEB ADDRESS: None

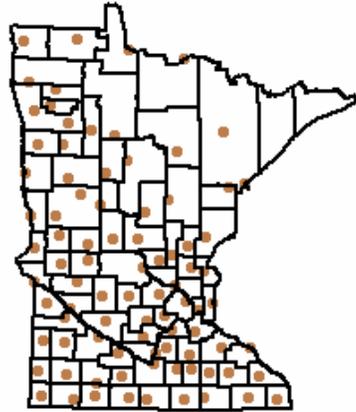
USDA GEODATA NAME:

fsa_flp_offices_p_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: None

DESCRIPTION: Point file for all Farm Loan Field Offices



EXTENT: Statewide

SCALE: 1: 24000

SOURCE: FSA

DATA ENHANCMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: None

WEB ADDRESS: None

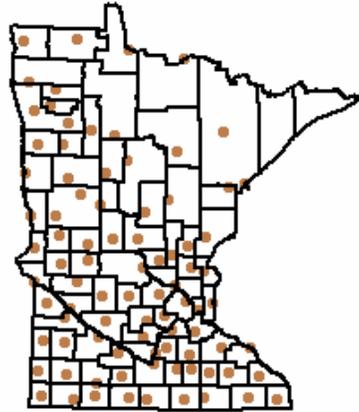
USDA GEODATA NAME:

fsa_offices_p_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: None

DESCRIPTION: Point file for all FSA Field Offices



EXTENT: Statewide

SCALE: 1: 24000

SOURCE: FSA

DATA ENHANCMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: None

WEB ADDRESS: None

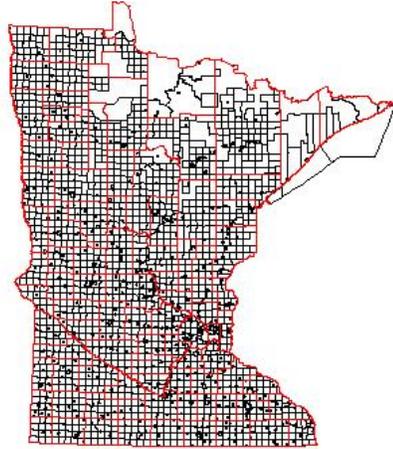
USDA GEODATA NAME:

mcd2000_a_mn / mcd2000_a_mn###

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: mcd2000_a_mn.shp

DESCRIPTION: This is a polygon data set for cities & townships, also called MCDs or Minor Civil Divisions. These are the 2000 boundaries from the US Census. This database of Minnesota city and township boundaries (MCDs) was developed from U.S. Census Bureau 2000 TIGER\Line files as part of the most recent redistricting effort. The next update to this file will occur in 2010. This file has been broken into both a township and municipality (city) shapefiles for easier use. Data current as of 2000 Census Bureau TIGER line file publication



EXTENT: Statewide

SCALE: 1:24000

SOURCE: Legislative Coordinating Commission - GIS Office

DATA ENHANCEMENTS: None

USAGE TIPS: This file can be used to map information regarding the 2000 Census. This dataset includes basic population information and minority breakdowns by Minor Civil Divisions.

RELATED TABLES: None

USDA PROGRAM OR SECTION: Can be used for determining LGA Boundaries and outreach efforts.

WEB ADDRESS: <ftp://ftp.commissions.leg.state.mn.us/pub/gis/Redist2000/Shape/lccmcd2000.zip>

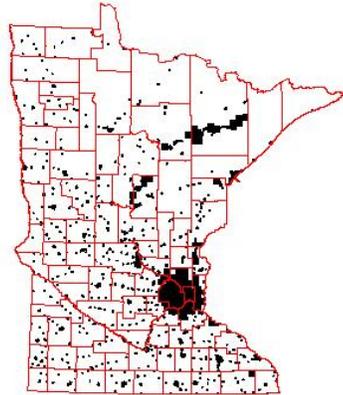
USDA GEODATA NAME:

mcd2000_city_a_mn / mcd2000_city_a_mn###

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: mcd2000_a_mn.shp

DESCRIPTION: This is a polygon data set for cities only from the Minor Civil Divisions. These are the 2000 boundaries from the US Census. This database of Minnesota cities was developed from U.S. Census Bureau 2000 TIGER\Line files as part of the most recent redistricting effort. The next update to this file will occur in 2010. This file represents the municipality (city) boundaries in a shapefile for easier use. Data current as of 2000 Census Bureau TIGER line file publication



EXTENT: Statewide

SCALE: 1:24000

SOURCE: Legislative Coordinating Commission - GIS Office

DATA ENHANCMENTS: None

USAGE TIPS: This file can used to map information regarding the 2000 Census. This dataset includes basic population information and minority breakdowns by City. Very useful in identifying the actual city boundaries in Minnesota.

RELATED TABLES: None

USDA PROGRAM OR SECTION: Broad cartographic uses for all agencies

WEB ADDRESS: None

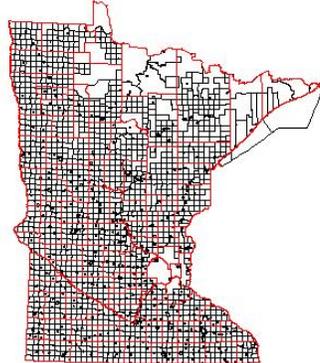
USDA GEODATA NAME:

mcd2000_tship_a_mn / mcd2000_tship_a_mn###

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: mcd2000_a_mn.shp

DESCRIPTION: This is a polygon data set for townships only from the Minor Civil Divisions. These are the 2000 boundaries from the US Census. This database of Minnesota cities was developed from U.S. Census Bureau 2000 TIGER\Line files as part of the most recent redistricting effort. The next update to this file will occur in 2010. This file represents the municipality (city) boundaries in a shapefile for easier use. Data current as of 2000 Census Bureau TIGER line file publication



EXTENT: Statewide

SCALE: 1:24000

SOURCE: Legislative Coordinating Commission - GIS Office

DATA ENHANCMENTS: None

USAGE TIPS: This file can used to map information regarding the 2000 Census. This dataset includes basic population information and minority breakdowns by City. Very useful in identifying the actual township boundaries in Minnesota.

RELATED TABLES: None

USDA PROGRAM OR SECTION: Broad cartographic uses for all agencies

WEB ADDRESS: None

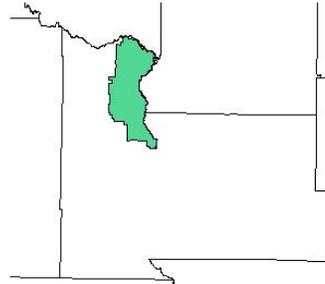
USDA GEODATA NAME:

military_a_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: military_a_mn.shp

DESCRIPTION: Military, which represents military reservation boundaries within the state, is a layer of the State of Minnesota BaseMap 2001 which consists of a number of individual data layers or themes digitized from USGS 7.5-minute quadrangles. The original digitization was done during the 1990-1995 time period. For any given area, Mn\DOT used the most recent USGS 7.5-minute quadrangle available at that time.



EXTENT: Morrison, Cass and Crow Wing County

SCALE: 1:24000

SOURCE: Minnesota Department of Transportation (Mn\DOT)

DATA ENHANCMENTS: None

USAGE TIPS: None.

RELATED TABLES: None

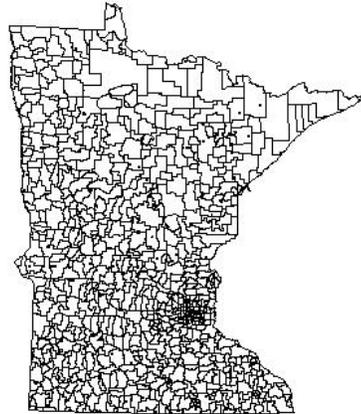
USDA PROGRAM OR SECTION: Cartographic purposes and analysis

WEB ADDRESS: <http://www.dot.state.mn.us/tda/basemap/index.html>

USDA GEODATA NAME:**mnzip_a_mn**

ACCESS CONSTRAINTS: None**ORIGINAL SOURCE NAME:** mnzip.shp

DESCRIPTION: This data set approximates polygon boundaries for zip codes within Minnesota. The polygon boundaries are approximate since the U.S. Postal Service assigns zip codes to linear features (streets), not to geographic areas. Since neither the U.S. Postal Service nor the U.S. Census Bureau maintains official zip code boundary files or maps, LMIC created this file in order to be able to map data aggregated by zip code. LMIC worked with regional post office sites to delineate areas within which letter carriers delivered mail with the same zip code.

**EXTENT:** Statewide**SCALE:** 1: 126720**SOURCE:** Minnesota Land Management Information Center (LMIC)**DATA ENHANCEMENTS:** None

USAGE TIPS: The original file was created in 1985 and was updated in 1991. Two changes were made in 1995, but otherwise, no further updating has been done since 1991.

RELATED TABLES: None**USDA PROGRAM OR SECTION:** Cartographic purposes and analysis**WEB ADDRESS:** <http://www.lmic.state.mn.us/chouse/metadata/mnzip.html>

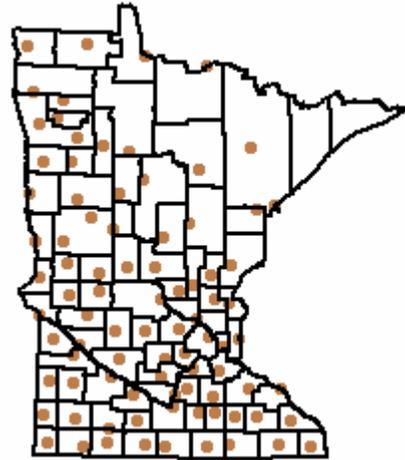
USDA GEODATA NAME:

nrcs_offices_p_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: None

DESCRIPTION: Point file for all NRCS
Field and Area Offices



EXTENT: Statewide

SCALE: 1: 24000

SOURCE: NRCS

DATA ENHANCMENTS: None

USAGE TIPS: None

RELATED TABLES: None

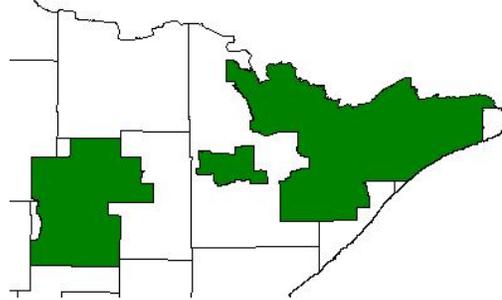
USDA PROGRAM OR SECTION: None

WEB ADDRESS: None

USDA GEODATA NAME:**ntlforests_a_mn**

ACCESS CONSTRAINTS: None**ORIGINAL SOURCE NAME:** Natforest.shp

DESCRIPTION: Ntforests_a_mn, which represents national forest boundaries within the state, is a layer of the State of Minnesota BaseMap 2001 which consists of a number of individual data layers or themes digitized from USGS 7.5-minute quadrangles. Natforest originated as a polygon coverage with United States Forest Service (U.S.F.S.). The Mn\DOT GIM unit built regions from the existing polygons and populated them with U.S.F.S. supplied attributes.

**EXTENT:** Cass, Itasca, Beltrami, St. Louis, Lake and Cook County**SCALE:** 1: 24000 (+\ - 40 feet or 12 meters)**SOURCE:** United States Forest Service**DATA ENHANCMENTS:** None**USAGE TIPS:** Used for depicting the national forest boundaries in Cass, Itasca, Beltrami, St. Louis, Lake and Cook County**RELATED TABLES:** None**USDA PROGRAM OR SECTION:** Cartographic purposes and analysis**WEB ADDRESS:** <http://www.dot.state.mn.us/tda/basemap/county/statewide.html>

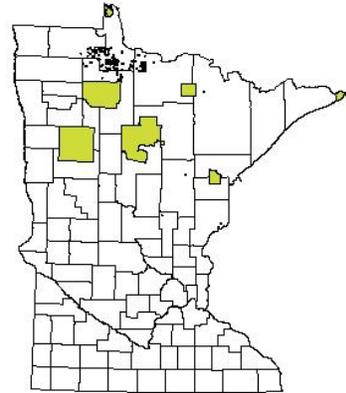
USDA GEODATA NAME:

reservtn_a_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: Reservtn.shp

DESCRIPTION: reservtn_a_mn, which represents Indian reservation boundaries within the state, is a layer of the State of Minnesota BaseMap 2001 which consists of a number of individual data layers or themes digitized from USGS 7.5-minute quadrangles. The original digitization was done during the 1990-1995 time period. For any given area, Mn\DOT used the most recent USGS 7.5-minute quadrangle available at that time.



EXTENT: Statewide

SCALE: 1: 24000

SOURCE: Minnesota Department of Transportation (Mn\DOT)

DATA ENHANCMENTS: None

USAGE TIPS: Used for depicting the reservation boundaries. These are not verified as correct this is a reference layer only!

RELATED TABLES: None

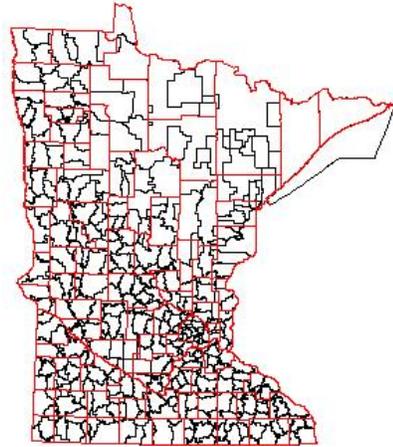
USDA PROGRAM OR SECTION: Cartographic purposes

WEB ADDRESS: <http://www.dot.state.mn.us/tda/basemap/county/statewide.html>

USDA GEODATA NAME:**sd2005_06_a_mn**

ACCESS CONSTRAINTS: None**ORIGINAL SOURCE NAME:** sd06.shp

DESCRIPTION: This file represents the boundaries of all public school districts in the state of Minnesota for school year 2005-2006. Minnesota school districts identify their current elementary, middle and high school attendance area boundaries on a yearly basis using large format maps supplied by the Land Management Information Center (LMIC). This file is maintained at LMIC but is also supplied to the State of Minnesota Legislative Coordinating Commission GIS Office. The LCC keeps the 'official' school district information for the State of Minnesota. This school district file was dissolved from a file containing both the school district and attendance boundaries to produce just school district boundaries.

**EXTENT:** Statewide**SCALE:** 1: 24000**SOURCE:** Land Management Information Center (LMIC)**DATA ENHANCMENTS:** None

USAGE TIPS: Used for depicting the reservation boundaries. These are not verified as correct this is a reference layer only!

RELATED TABLES: None**USDA PROGRAM OR SECTION:** Cartographic purposes**WEB ADDRESS:** <http://www.dot.state.mn.us/tda/basemap/county/statewide.html>

USDA GEODATA NAME:

statebdry_a_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: state.shp

DESCRIPTION: State, which represents the state boundary, is a layer of the State of Minnesota BaseMap 2001 which consists of a number of individual data layers or themes digitized from USGS 7.5-minute quadrangles.



EXTENT: Statewide

SCALE: 1: 24000

SOURCE: Minnesota Department of Transportation (Mn\DOT)

DATA ENHANCEMENTS: None

USAGE TIPS: Used for depicting the State of Minnesota boundary.

RELATED TABLES: None

USDA PROGRAM OR SECTION: Cartographic purposes

WEB ADDRESS: <http://www.dot.state.mn.us/tda/basemap/county/statewide.html>

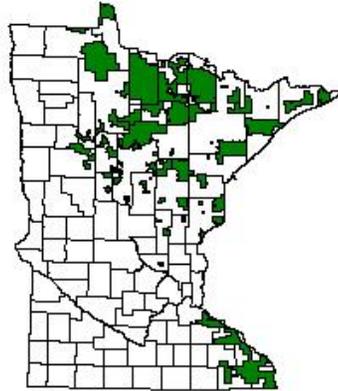
USDA GEODATA NAME:

stateforests_a_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: stforests.shp

DESCRIPTION: Stforest_a_mn, which represents Minnesota state forest boundaries, is a layer of the State of Minnesota BaseMap 2001 which consists of a number of individual data layers or themes digitized from USGS 7.5-minute quadrangles.



EXTENT: Statewide

SCALE: 1: 24000

SOURCE: Minnesota Department of Transportation (Mn\DOT)

DATA ENHANCEMENTS: None

USAGE TIPS: Locational accuracy for features derived from USGS 7.5-minute quadrangles cannot be assumed to exceed National Map Accuracy Standards for 1:24,000 scale maps (+\ - 40 feet or 12 meters)

RELATED TABLES: stforests_a_mn_att.htm

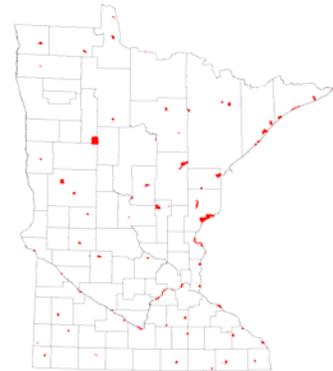
USDA PROGRAM OR SECTION: Cartographic purposes

WEB ADDRESS: <http://www.dot.state.mn.us/tda/basemap/county/statewide.html>

USDA GEODATA NAME:**stateparks_a_mn**

ACCESS CONSTRAINTS: None**ORIGINAL SOURCE NAME:** stpark.shp

DESCRIPTION: Represents Minnesota state park boundaries, is a layer of the State of Minnesota BaseMap 2001 which consists of a number of individual data layers or themes digitized from USGS 7.5-minute quadrangles. These data layers fall into the following broad categories: transportation system, civil and political boundaries, and surface water. This layer originated as a polygon coverage with Minnesota DNR - Division of Parks and Recreation. The Mn\DOT GIM unit built regions from the existing polygons and populated them with DNR supplied attributes. A description of the layer is included in Section 5 of this document - Entity and Attribute Overview.

**EXTENT:** Statewide**SCALE:** 1:24,000**SOURCE:** Minnesota DOT – Base Map**DATA ENHANCMENTS:** None**USAGE TIPS:** None**RELATED TABLES:** stpark_att.html

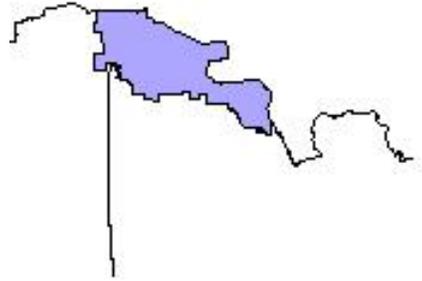
USDA PROGRAM OR SECTION: This layer is utilized by all Service Center Agencies. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: THIS INFORMATION IS PROVIDED DIRECTLY FROM THE STATE OFFICE ONLY!

USDA GEODATA NAME:**vnp_a_mn**

ACCESS CONSTRAINTS: None**ORIGINAL SOURCE NAME:** ntlparks.shp

DESCRIPTION: Natparks, which represents national park boundaries within the state, is a layer of the State of Minnesota BaseMap 2001 which consists of a number of individual data layers or themes digitized from USGS 7.5-minute quadrangles. Natparks originated as a polygon coverage with Voyageurs National Park. The Mn\DOT GIM unit built regions from the existing polygons and populated them with Voyageurs National Park supplied attributes.

**EXTENT:** Statewide**SCALE:** 1: 24000**SOURCE:** Minnesota Department of Natural Resources - Division of Parks and Recreation**DATA ENHANCEMENTS:** None

USAGE TIPS: Locational accuracy for features derived from USGS 7.5-minute quadrangles cannot be assumed to exceed National Map Accuracy Standards for 1:24,000 scale maps (+\ - 40 feet or 12 meters)

RELATED TABLES: None**USDA PROGRAM OR SECTION:** Cartographic purposes**WEB ADDRESS:** <http://www.dot.state.mn.us/tda/basemap/county/statewide.html>

F:\geodata\hazard_sites

This folder contains the floodplain information that has been provided by FEMA for specific counties in Minnesota. Service Centers do not have a FEMA folder. FEMA folder is for state office only.

DATA STEWARD: Farm Service Agency

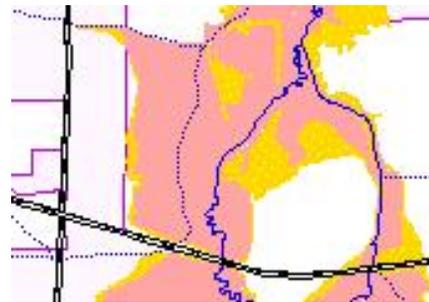
USDA GEODATA NAME:

femaq3_a_mn###

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: TBA

DESCRIPTION: The Q3 Flood Data are derived from the Flood Insurance Rate Maps (FIRMs) published by the Federal Emergency Management Agency (FEMA). The file is georeferenced to the earth's surface using the Universal Transverse Mercator (UTM) projection and a zonal coordinate system (units in meters). Specifications for the horizontal control of Q3 Flood Data files are consistent with those required for mapping at a scale of 1:24000. Q3 Flood Data files are intended to convey certain key features from the existing hard copy FIRM to provide users with automated flood risk data. Edge-matching errors, overlaps and deficiencies in coverage, and similar problems are not corrected during digitizing or post-processing. These data may be used to locate SFHAs. More detailed information may be obtained from the paper FIRM.



EXTENT: 60 counties are available

SCALE: 1:24000

SOURCE: Federal Emergency Management Agency (FEMA)

DATA ENHANCEMENTS: TBA

USAGE TIPS: The FEMA Floodways data exists only in developed areas. Do not expect this data to be a comprehensive source of flood information. The data are generally consistent with other sources of DNR GIS data (including DEMs, lakes, streams), but no detailed analysis of consistency has been performed.

RELATED TABLES: None

TOOL IMPACTS: None

USDA PROGRAM OR SECTION: Conservation, Disasters, Farm Loan

WEB ADDRESS: <http://deli.dnr.state.mn.us/index.html>

F:\geodata\hydrography

This folder contains information regarding hydrography or water based features such as lakes, streams and wetlands.

DATA STEWARD: Natural Resource Conservation Service

USDA GEODATA NAME:

dlgk_a_mn / dlgk_a_mn###

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: watr_dnrpy2

DESCRIPTION: 1:100,000 scale Lake polygons derived from USGS DLG's of the same scale. This data contains only the lake polygons of the DLG database.



EXTENT: Statewide

SCALE: 1:100000

SOURCE: Minnesota Department of Natural Resources

DATA ENHANCEMENTS: None

USAGE TIPS: This layer is a good layer to provide lake polygons for cartographic purposes. It includes the Minnesota Portion of Lake Superior. This layer contains DOW Lake numbers of varying degrees of accuracy. Lakes with a DOW_VERIF value of 1 have been verified, those with a value of 0 have not. The Lake Classification code represents the Section of Fisheries designated lake class.

RELATED TABLES: None

USDA PROGRAM OR SECTION: Used for general cartographic purposes to display lake features in and around Minnesota

WEB ADDRESS: http://deli.dnr.state.mn.us/data_search.html

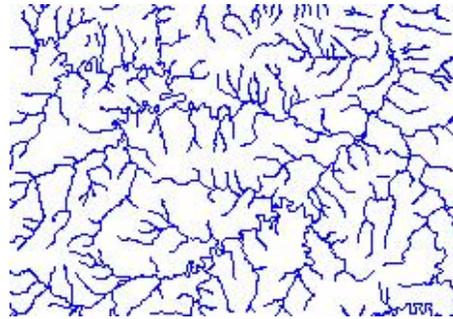
USDA GEODATA NAME:

dlgst_1_mn / dlgst_1_mn###

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: strm_usgsln2.shp

DESCRIPTION: 1:100,000 scale hydrography derived from USGS DLG's of the same scale. Some representations may extend back twenty years or more.



EXTENT: Statewide

SCALE: 1: 24000

SOURCE: U.S. Geological Survey

DATA ENHANCMENTS: None

USAGE TIPS: Regional hydrographic analysis, medium scale basemapping, limnological studies

RELATED TABLES: None

USDA PROGRAM OR SECTION: Cartographic purposes

WEB ADDRESS: http://deli.dnr.state.mn.us/data_search.html

USDA GEODATA NAME:

dnr_protected_lks_a_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: pwi_lakepy3.shp

DESCRIPTION: Protected lake basins derived from the National Wetlands Inventory (NWI) and additional interpretations from elevation data sources and aerial imagery.

EXTENT: Statewide

SCALE: 1: 24000

SOURCE: Minnesota DNR - Division of Waters

DATA ENHANCEMENTS: None

USAGE TIPS: Regulatory activities and land use planning

RELATED TABLES: None

USDA PROGRAM OR SECTION: Proximity analysis and lake type identification

WEB ADDRESS: http://deli.dnr.state.mn.us/data_search.html

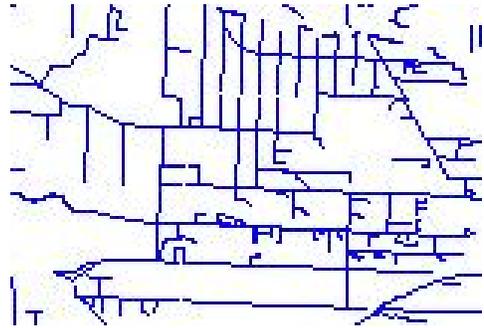
USDA GEODATA NAME:

dot_ditches_1_mn / dot_ditches_1_mn###

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: ditches.shp

DESCRIPTION: Ditches, which represents the centerline of drainage ditches, is a layer of the State of Minnesota BaseMap 2001 which consists of a number of individual data layers or themes digitized from USGS 7.5-minute quadrangles.



EXTENT: Statewide

SCALE: 1: 24000

SOURCE: Minnesota Department of Transportation (Mn\DOT)

DATA ENHANCEMENTS: None

USAGE TIPS: Locational accuracy for features derived from USGS 7.5-minute quadrangles cannot be assumed to exceed National Map Accuracy Standards for 1:24,000 scale maps (+\ - 40 feet or 12 meters)

RELATED TABLES: None

USDA PROGRAM OR SECTION: Spatial analysis and cartographic purposes

WEB ADDRESS: <http://www.dot.state.mn.us/tda/basemap/>

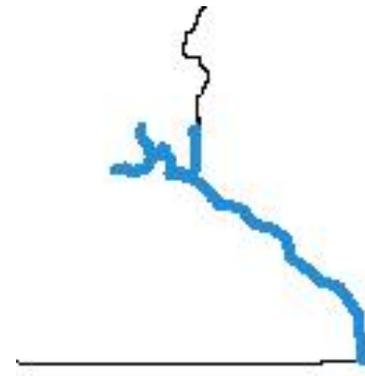
USDA GEODATA NAME:

dot_navwaters_1_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: navwater.shp

DESCRIPTION: Navwater, which represents navigable waterways within the state, is a layer of the State of Minnesota BaseMap 2001 which consists of a number of individual data layers or themes digitized from USGS 7.5-minute quadrangles.



EXTENT: Statewide

SCALE: 1: 24000

SOURCE: U. S. Army Corps of Engineers

DATA ENHANCEMENTS: None

USAGE TIPS: Regional hydrographic analysis, medium scale basemapping, limnological studies

RELATED TABLES: None

USDA PROGRAM OR SECTION: Spatial analysis and cartographic purposes

WEB ADDRESS: <http://www.dot.state.mn.us/tda/basemap/>

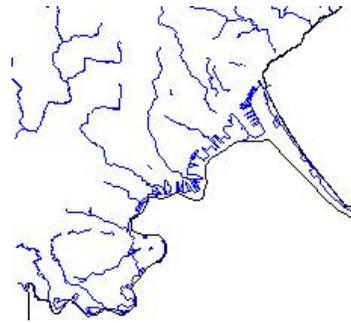
USDA GEODATA NAME:

hydro100k_1_mnxxx

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: hydro100k_1_mn

DESCRIPTION: Vector dataset provides a network of rivers and streams, including intermittent streams, ditches, and canals.



EXTENT: Statewide

SCALE: 1: 100000

SOURCE: USDA\NRCS - National Cartography & Geospatial Center

DATA ENHANCEMENTS: None

USAGE TIPS: Provided as a National Geodata Set

RELATED TABLES: None

USDA PROGRAM OR SECTION: Cartographic purposes

WEB ADDRESS: <http://lighthouse.nrcs.usda.gov/gateway/NextPage.asp>

F:\geodata\hydrography\impaired_waters

USDA GEODATA NAME:

pca_lakes_tmdl_a_mn (statewide)

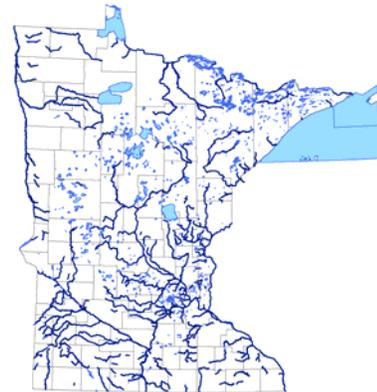
pca_strms_tmdl_a_mn (statewide)

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: lakes_tmdlYY.shp \ streams_tmdlYY.shp

DESCRIPTION:

These are the impaired lakes and streams as determined by MPCA. The lakes are a subset and enhancement of the 1:100,000 scale National Hydrography Dataset (NHD). MPCA adds additional lakes and stream reaches. Since the impaired lakes and streams are a small subset of the NHD lakes, only that subset is included in the dataset.



EXTENT: Statewide

SCALE: 1:24,000

SOURCE: Minnesota PCA

DATA ENHANCMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized by all Service Center Agencies.

WEB ADDRESS: THIS INFORMATION IS PROVIDED DIRECTLY FROM THE STATE OFFICE ONLY!

USDA GEODATA NAME:

pca_wtrshd_fecal_turbidity_a_mn (statewide)

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: pca_wtrshds

DESCRIPTION: These are the impaired watersheds as determined by MPCA.



EXTENT: Statewide

SCALE: 1:24,000

SOURCE: Minnesota PCA

DATA ENHANCEMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized by all Service Center Agencies.

WEB ADDRESS: THIS INFORMATION IS PROVIDED DIRECTLY FROM THE STATE OFFICE ONLY!

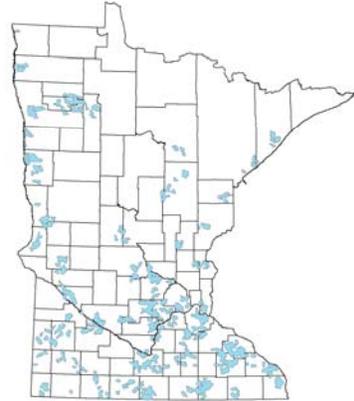
USDA GEODATA NAME:

nrcs_impaired_wtrshds_a_mn (statewide)

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: huc14_a_mn.shp

DESCRIPTION: This dataset is derived from the original source datasets.



EXTENT: Statewide

SCALE: 1:24,000

SOURCE: Minnesota PCA

DATA ENHANCEMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized by all Service Center Agencies.

WEB ADDRESS: THIS INFORMATION IS PROVIDED DIRECTLY FROM THE STATE OFFICE ONLY!

USDA GEODATA NAME:

lakenutrient_p_mn (statewide)

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: lakes_tmdlYY.shp \ streams_tmdlYY.shp

DESCRIPTION: This dataset is derived from the original source datasets.



EXTENT: Statewide

SCALE: 1:24,000

SOURCE: Minnesota PCA

DATA ENHANCMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized by all Service Center Agencies.

WEB ADDRESS: THIS INFORMATION IS PROVIDED DIRECTLY FROM THE STATE OFFICE ONLY!

USDA GEODATA NAME:

streamfecal_1_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: pca_strms_tmdl_a_mn

DESCRIPTION: These datasets are derived from the original source datasets.



EXTENT: Statewide

SCALE: 1:24,000

SOURCE: Minnesota PCA

DATA ENHANCMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized by all Service Center Agencies.

WEB ADDRESS: THIS INFORMATION IS PROVIDED DIRECTLY FROM THE STATE OFFICE ONLY!

USDA GEODATA NAME:

strmturbidity_l_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: pca_strms_tmdl_a_mn

DESCRIPTION: These datasets are derived from the original source datasets.

EXTENT: Statewide

SCALE: 1:24,000

SOURCE: Minnesota PCA

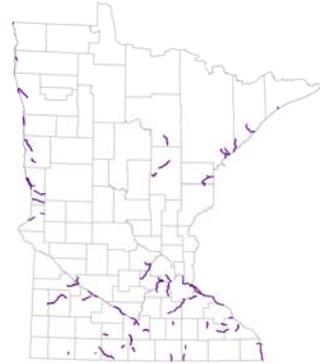
DATA ENHANCMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized by all Service Center Agencies.

WEB ADDRESS: THIS INFORMATION IS PROVIDED DIRECTLY FROM THE STATE OFFICE ONLY!



USDA GEODATA NAME:

strmfecal_turbidity_l_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: pca_strms_tmdl_a_mn

DESCRIPTION: These datasets are derived from the original source datasets.

EXTENT: Statewide

SCALE: 1:24,000

SOURCE: Minnesota PCA

DATA ENHANCMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized by all Service Center Agencies.

WEB ADDRESS: THIS INFORMATION IS PROVIDED DIRECTLY FROM THE STATE OFFICE ONLY!



F:\geodata\hydrography\lakes24k

This subfolder contains two different configurations of lakes information based on the information provided by the Department of Natural Resources. This information has been divided into two subfolders: county_ind_watersheds and watersheds. The county_ind_watersheds contains county based information but contains the entire watershed that impacts a county using the naming convention dnrlk_a_maj##(watershed id). The watersheds folder contains all watersheds in Minnesota not broken out by county using the naming convention dnrlk_a_maj##(watershed id).

USDA GEODATA NAME:

dnrlks24k_a_maj###

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME:

DESCRIPTION: Medium scale lake polygons derived from the National Wetlands Inventory (NWI) polygons and MnDOT Basemap lake delineations. Integrated with the DNR 24K Streams Layer. NWI attributes have been transformed into habitat types based on depth and associations with deepwater habitats and rivers.



EXTENT: Statewide

SCALE: 1:24000

SOURCE: Department of Natural Resources

DATA ENHANCEMENTS: None

USAGE TIPS: To serve as the basis for medium scale lake mapping and management. The lakes and rivers polygon component to a comprehensive hydrologic landscape model. Data are derived directly from: 1) NWI based on criteria for classifying open water within NWI, and 2) MnDOT Basemap Lakes. The DNR 24K Streams layer is integrated with these lakes. DOW number assignment have been assigned using automated processes (from 100K DLG Lakes), without direct validation. Use DOW numbers with caution. These will be refined and updated through time. Similarly, ALT_NAMES have been assigned using automated techniques from Geographic Names and Information System (GNIS) points, and have not been validated for correctness. Polygons from the NWI source have more information than those from the MnDOT source. They can be differentiated by: LAKE_SOURCE = NWI -or- DOT. Data between the two source have not been edge matched with regards to their shorelines.

RELATED TABLES: None

USDA PROGRAM OR SECTION: Conservation, Farm Loan, Disasters and Compliance

WEB ADDRESS: <http://deli.dnr.state.mn.us/index.html>

F:\geodata\hydrography\MDH

This subfolder contains information for Minnesota Department of Health Wellhead information broken up by subfolders. Scripting has been completed that renames files obtained from Minnesota Department of Health and converts them to the correct USDA naming convention. Subfolders are used to divide information for drinking water supplies, public water supply sources, source water assessment areas and image files of each management area. These folders are used to create a more effective way to manage and use the data

USDA GEODATA NAME:

No data at the root level

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: None

DESCRIPTION: The Minnesota Department of Health has defined the approved wellhead areas based on overland flow and groundwater movement. A minimum Time of Travel of 10 years must be used.



EXTENT: Statewide

SCALE: 1:24000

SOURCE: Minnesota Department of Health

DATA ENHANCEMENTS: None

USAGE TIPS: Some areas overlap this is due to overland flow and aquifer depth. Updated quarterly.

RELATED TABLES: None

TOOL IMPACTS: None

USDA PROGRAM OR SECTION: Conservation, Farm Loan

WEB ADDRESS: <http://www.health.state.mn.us/>

F:\geodata\hydrography\MDH\
drinking_water_supply_mgmt

This subfolder contains information for Minnesota Department of Health information about drinking water supply and management. The subfolder contains four files, drinking water supply management areas, vulnerable drinking water supply management areas, the wellhead protection areas, and continuous CRP wellhead protection areas.

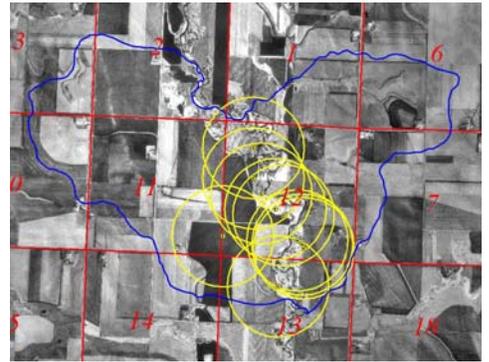
USDA GEODATA NAME:

ccrp_whpa_a_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: whpa_a_mn

DESCRIPTION: Drinking water supply management area vulnerability is an assessment of the likelihood for a potential contaminant source within the drinking water supply management area to contaminate a public water supply well based on the aquifer's inherent geologic sensitivity; and the chemical and isotopic composition of the groundwater.



EXTENT: Statewide

SCALE: 1:24000

SOURCE: Minnesota Department of Health, USDA Farm Service Agency

DATA ENHANCMENTS: Limited to 2000 ft from the wellheads

USAGE TIPS: Used for the Continuous CRP wellhead Protection Area definition

RELATED TABLES: None

TOOL IMPACTS: None

USDA PROGRAM OR SECTION: Conservation, Farm Loan

WEB ADDRESS: None

USDA GEODATA NAME:**dwsma_a_mn**

ACCESS CONSTRAINTS: None**ORIGINAL SOURCE NAME:** dwsma

DESCRIPTION: Drinking water supply management area is the Minnesota Department of Health approved surface and subsurface area surrounding a public water supply well that completely contains the scientifically calculated wellhead protection area and is managed by the entity identified in a wellhead protection plan. The boundaries of the drinking water supply management area are delineated by identifiable physical features, landmarks or political and administrative boundaries.

**EXTENT:** Statewide**SCALE:** 1:24000**SOURCE:** Minnesota Department of Health**DATA ENHANCEMENTS:** None**USAGE TIPS:** TBA**RELATED TABLES:** None**TOOL IMPACTS:** None**USDA PROGRAM OR SECTION:** Conservation, Farm Loan**WEB ADDRESS:** <http://www.health.state.mn.us/divs/eh/water/swp/maps/index.htm>

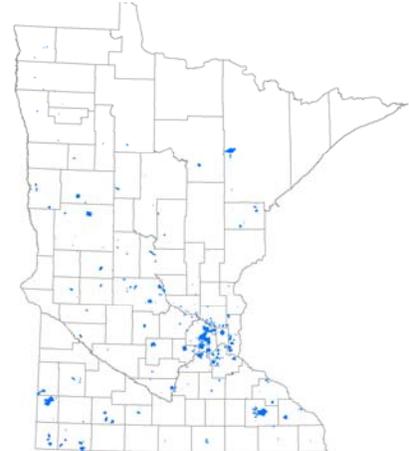
USDA GEODATA NAME:

dwsvul_a_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: dwsvul

DESCRIPTION: Drinking water supply management area vulnerability is an assessment of the likelihood for a potential contaminant source within the drinking water supply management area to contaminate a public water supply well based on the aquifer's inherent geologic sensitivity; and the chemical and isotopic composition of the groundwater.



EXTENT: Statewide

SCALE: 1:24000

SOURCE: Minnesota Department of Health

DATA ENHANCEMENTS: None

USAGE TIPS: TBA

RELATED TABLES: None

TOOL IMPACTS: None

USDA PROGRAM OR SECTION: Conservation, Farm Loan

WEB ADDRESS: <http://www.health.state.mn.us/divs/eh/water/swp/maps/index.htm>

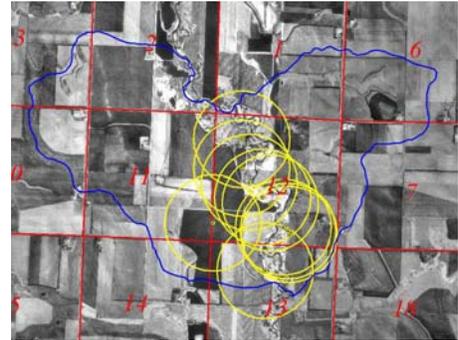
USDA GEODATA NAME:

whpa_a_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: whpa

DESCRIPTION: Drinking water supply management area vulnerability is an assessment of the likelihood for a potential contaminant source within the drinking water supply management area to contaminate a public water supply well based on the aquifer's inherent geologic sensitivity; and the chemical and isotopic composition of the groundwater.



EXTENT: Statewide

SCALE: 1:24000

SOURCE: Minnesota Department of Health

DATA ENHANCEMENTS: None

USAGE TIPS: TBA

RELATED TABLES: None

TOOL IMPACTS: None

USDA PROGRAM OR SECTION: Conservation, Farm Loan

WEB ADDRESS: <http://www.health.state.mn.us/divs/ch/water/swp/maps/index.htm>

F:\geodata\hydrography\MDH\
public_water_supply_sources

This subfolder contains information for Minnesota Department of Health information about drinking water supply and management. The subfolder contains four files, wellheads, 2000 ft wellhead buffer, public water supply sources, and public water supply sources within source water areas.

USDA GEODATA NAME:

cs_src_act_p_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: cz_src_act

DESCRIPTION: The wellheads points are the public wells that within the Wellhead Protection Areas.

EXTENT: Statewide

SCALE: 1:24000

SOURCE: Minnesota Department of Health

DATA ENHANCMENTS: None

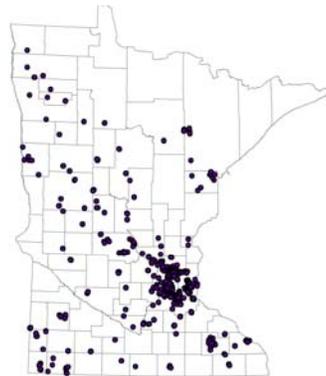
USAGE TIPS: TBA

RELATED TABLES: None

TOOL IMPACTS: None

USDA PROGRAM OR SECTION: Conservation, Farm Loan

WEB ADDRESS: Information must be obtained directly from the Minnesota Department of Health



USDA GEODATA NAME:

pwss_p_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: pwss

DESCRIPTION: The wellheads points are the public wells that within the Wellhead Protection Areas. This data provides addresses and locations of the Wellheads.

EXTENT: Statewide

SCALE: 1:24000

SOURCE: Minnesota Department of Health

DATA ENHANCEMENTS: None

USAGE TIPS: TBA

RELATED TABLES: None

TOOL IMPACTS: None

USDA PROGRAM OR SECTION: Conservation, Farm Loan

WEB ADDRESS: Information must be obtained directly from the Minnesota Department of Health



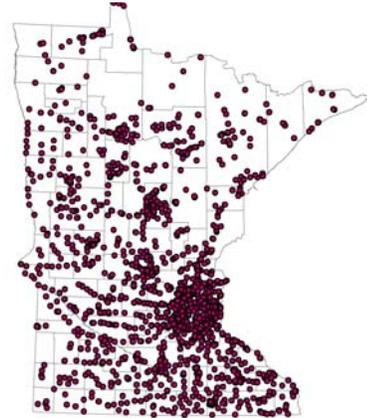
USDA GEODATA NAME:

pwss_swa_active_p_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: pwss_swa_active

DESCRIPTION: The wellheads points are the public wells that within the Wellhead Protection Areas. This data provides addresses and locations of the Wellheads. These wells are active within the source water areas.



EXTENT: Statewide

SCALE: 1:24000

SOURCE: Minnesota Department of Health

DATA ENHANCMENTS: None

USAGE TIPS: TBA

RELATED TABLES: None

TOOL IMPACTS: None

USDA PROGRAM OR SECTION: Conservation, Farm Loan

WEB ADDRESS: Information must be obtained directly from the Minnesota Department of Health

F:\geodata\hydrography\MDH\
source_water_assessment_areas

This subfolder contains information for Minnesota Department of Health information about drinking water supply and management. The subfolder contains three files, source water areas, vulnerable source water areas, and class V sensitivity.

USDA GEODATA NAME:

c5sens_a_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: c5sens

DESCRIPTION: The c5sens.shp file shows areas where Class 5 automotive waste disposal wells are likely to present a threat to underground sources of drinking water based on geological conditions. The term "Class 5" refers to a broad category of disposal wells defined under federal regulations. Structures such as the drain fields for septic systems, dry wells, and underground gravel pockets that dispose of fluids used by internal combustion engines are identified as automotive waste disposal wells. The c5sens.shp file shows areas where Class 5 automotive waste disposal wells are likely to present a threat to underground sources of drinking water based on geological conditions. The term "Class 5" refers to a broad category of disposal wells defined under federal regulations. Structures such as the drain fields for septic systems, dry wells, and underground gravel pockets that dispose of fluids used by internal combustion engines are identified as automotive waste disposal wells.

EXTENT: Statewide

SCALE: 1:24000

SOURCE: Minnesota Department of Health

DATA ENHANCMENTS: None

USAGE TIPS: 5 counties (Cook, Koochiching, Lake, Lake of the Woods, & St. Louis) were made all sensitive. The time available to conduct mapping was insufficient to adequately categorize these counties. Data set was dissolved to represent the counties as sensitive.

RELATED TABLES: None

TOOL IMPACTS: None

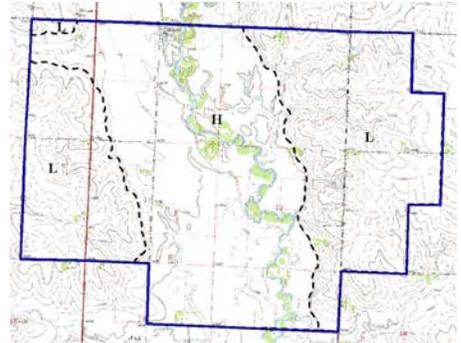
USDA PROGRAM OR SECTION: Conservation, Farm Loan

WEB ADDRESS: <http://www.health.state.mn.us/divs/eh/water/swp/maps/index.htm>

USDA GEODATA NAME:**swa_a_mn**

USDA GEODATA NAME: swa_a_mn**ACCESS CONSTRAINTS:** None**ORIGINAL SOURCE NAME:** swa

DESCRIPTION: Source water assessment area is the Minnesota Department of Health interim surface and subsurface area surrounding a public water supply well that completely contains the scientifically calculated time-of-travel area. The primary purpose of the SWA is to give the public water supplier an idea of the potential size of the final Wellhead Protection Area. The time-of-travel for a non-vulnerable source water assessment area (Meth_code = FRC) is 3 years and for a vulnerable source water assessment area (Meth_code = AM) is 10 years. Ultimately the source water assessment area will be replaced by a Wellhead Protection Area and a corresponding Drinking Water Supply Management Area.

**EXTENT:** Statewide**SCALE:** 1:24000**SOURCE:** Minnesota Department of Health**DATA ENHANCMENTS:** None**USAGE TIPS:** TBA**RELATED TABLES:** None**TOOL IMPACTS:** None**USDA PROGRAM OR SECTION:** Conservation, Farm Loan**WEB ADDRESS:** <http://www.health.state.mn.us/divs/eh/water/swp/maps/index.htm>

F:\geodata\hydrography\NHD

This subfolder contains the information for the National Hydrography Dataset (NHD) for the entire state. This folder is pushed to all Service Centers in the entirety.

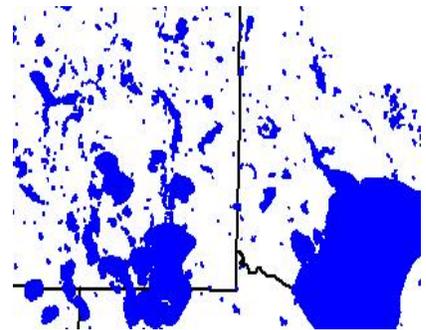
USDA GEODATA NAME:

nhd24kar_a_#####

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: nhd24kar_a_#####

DESCRIPTION: The National Hydrography Dataset (NHD) is a feature-based database that interconnects and uniquely identifies the stream segments or reaches that make up the nation's surface water drainage system. NHD data was originally developed at 1:100,000 scale and exists at that scale for the whole country. High resolution NHD adds detail to the original 1:100,000-scale NHD. (Data for Alaska, Puerto Rico and the Virgin Islands was developed at high-resolution, not 1:100,000 scale.) Like the 1:100,000-scale NHD, high resolution NHD contains reach codes for networked features and isolated lakes, flow direction, names, stream level, and centerline representations for areal water bodies.



EXTENT: Statewide

SCALE: 1: 100000

SOURCE: U.S. Geological Survey

DATA ENHANCEMENTS: None

USAGE TIPS: The NHD is a national framework for assigning reach addresses to water-related entities, such as industrial discharges, drinking water supplies, fish habitat areas, wild and scenic rivers.

RELATED TABLES: chp1_data_users_guide.pdf

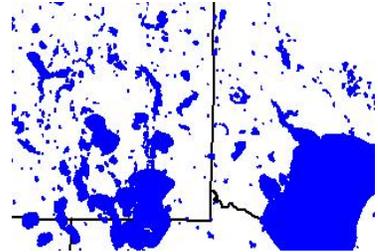
USDA PROGRAM OR SECTION: Conservation

WEB ADDRESS: <http://\datagateway.nrcs.usda.gov>

USDA GEODATA NAME:**nhd24st_1_#####**

ACCESS CONSTRAINTS: None**ORIGINAL SOURCE NAME:** nhd24kar_a_#####

DESCRIPTION: The National Hydrography Dataset (NHD) is a feature-based database that interconnects and uniquely identifies the stream segments or reaches that make up the nation's surface water drainage system. NHD data was originally developed at 1:100,000 scale and exists at that scale for the whole country. High resolution NHD adds detail to the original 1:100,000-scale NHD. (Data for Alaska, Puerto Rico and the Virgin Islands was developed at high-resolution, not 1:100,000 scale.) Like the 1:100,000-scale NHD, high resolution NHD contains reach codes for networked features and isolated lakes, flow direction, names, stream level, and centerline representations for areal water bodies.

**EXTENT:** Statewide**SCALE:** 1: 100000**SOURCE:** U.S. Geological Survey**DATA ENHANCMENTS:** None

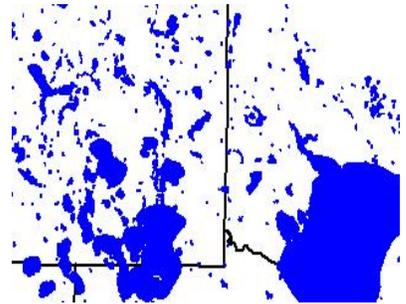
USAGE TIPS: The NHD is a national framework for assigning reach addresses to water-related entities, such as industrial discharges, drinking water supplies, fish habitat areas, wild and scenic rivers.

RELATED TABLES: chp1_data_users_guide.pdf**USDA PROGRAM OR SECTION:** Conservation**WEB ADDRESS:** [http://\datagateway.nrcs.usda.gov\](http://\datagateway.nrcs.usda.gov/)

USDA GEODATA NAME:**nhd24wb_a_#####**

ACCESS CONSTRAINTS: None**ORIGINAL SOURCE NAME:** nhd24kar_a_#####

DESCRIPTION: The National Hydrography Dataset (NHD) is a feature-based database that interconnects and uniquely identifies the stream segments or reaches that make up the nation's surface water drainage system. NHD data was originally developed at 1:100,000 scale and exists at that scale for the whole country. High resolution NHD adds detail to the original 1:100,000-scale NHD. (Data for Alaska, Puerto Rico and the Virgin Islands was developed at high-resolution, not 1:100,000 scale.) Like the 1:100,000-scale NHD, high resolution NHD contains reach codes for networked features and isolated lakes, flow direction, names, stream level, and centerline representations for areal water bodies.

**EXTENT:** Statewide**SCALE:** 1: 100000**SOURCE:** U.S. Geological Survey**DATA ENHANCMENTS:** None

USAGE TIPS: The NHD is a national framework for assigning reach addresses to water-related entities, such as industrial discharges, drinking water supplies, fish habitat areas, wild and scenic rivers.

RELATED TABLES: chp1_data_users_guide.pdf**USDA PROGRAM OR SECTION:** Conservation**WEB ADDRESS:** <http://\datagateway.nrcs.usda.gov>

F:\geodata\hydrography\streams24k

This subfolder contains two different configurations of streams information based on the information provided by the Department of Natural Resources. This information has been divided into two subfolders: county_ind_watersheds and watersheds. The county_ind_watersheds contains county based information but contains the entire watershed that impacts a county using the naming convention dnrst_a_maj###(watershed id). The watersheds folder contains all watersheds in Minnesota not broken out by county using the naming convention dnrst_a_maj###(watershed id).

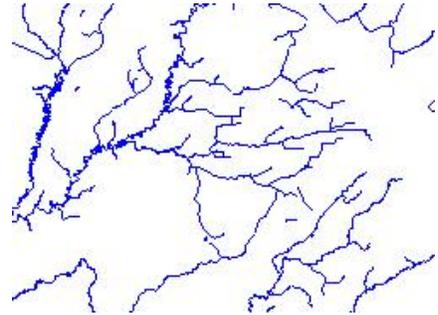
USDA GEODATA NAME:

dnrstrms24k_l_maj### (watershed id)

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: dnrstln3

DESCRIPTION: 1:24,000 scale streams captured from USGS seven and one-half minute quadrangle maps, with perennial vs. intermittent classification, and connectivity through lakes, rivers, and small wetland basins. Streams are also coded for their status as designated trout streams. Data originated with the MnDOT basemap stream traces. The data are fully integrated with the DNR 24K Lakes layer in the sense that overland streams terminate at lake and river shorelines.



EXTENT: Statewide

SCALE: 1: 24000

SOURCE: Minnesota Department of Natural Resources

DATA ENHANCMENTS: None

USAGE TIPS: A 1:24K hydrography basemap to serve as the development of a statewide connected stream-trace network. Identification and coding of officially designated trout streams in Minnesota. To serve as the basis for a master stream-reach identification scheme.

RELATED TABLES: None

USDA PROGRAM OR SECTION: Conservation

WEB ADDRESS: http://deli.dnr.state.mn.us\data_search.html

F:\geodata\hydrography\ TeleAtlas

This subfolder contains information from the National Information that is provided from TeleAtlas.

USDA GEODATA NAME:

watbod_a_mn###

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: watbod_a_mn###

DESCRIPTION: Water features in Minnesota

EXTENT: Statewide

SCALE: 1:24000

SOURCE: Minnesota

DATA ENHANCMENTS: None

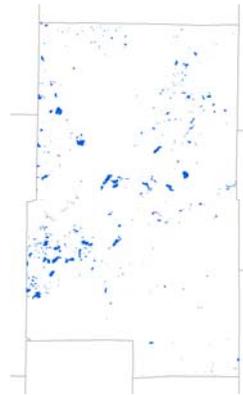
USAGE TIPS: Type Here

RELATED TABLES: None

TOOL IMPACTS: None

USDA PROGRAM OR SECTION: Conservation, Farm Loan

WEB ADDRESS:



F:\geodata\hydrologic_units

This folder contains the various hydrologic unit areas with tabular data that reflects the hydrologic unit codes for Minnesota. This information is still under development and further refinements and updates are in progress. Metadata is not present for these datasets other than what exists in this document.

DATA STEWARD: Natural Resource Conservation Services

USDA GEODATA NAME:

csp_watersheds_a_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: Huc 8

DESCRIPTION: Watersheds used for CSP Signup, by year (2004 to current).

EXTENT: Statewide

SCALE: 1: 100000

SOURCE: NRCS

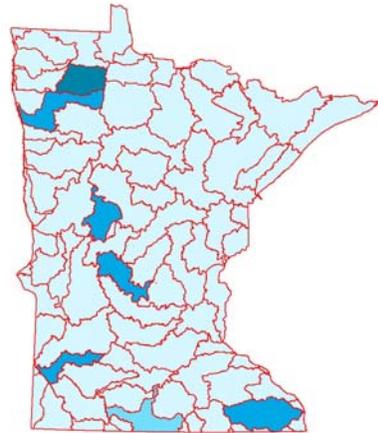
DATA ENHANCMENTS: None

USAGE TIPS: Used for CSP Signup

RELATED TABLES: Unknown

USDA PROGRAM OR SECTION: Conservation

WEB ADDRESS: None



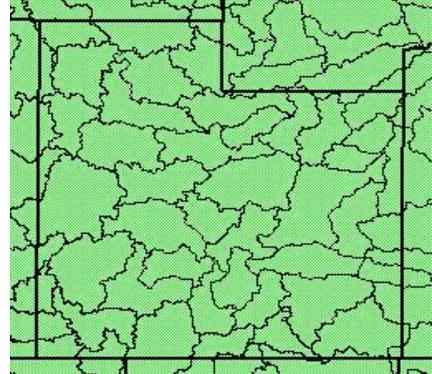
USDA GEODATA NAME:

dnr_minor_wtrshds_a_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: mnwshpy3

DESCRIPTION: Statewide minor watershed delineations with major\minor watershed identifiers and names for provinces, major watersheds, and basins. Also included are watershed outlet positions and selected gaging station locations. This data set is an update to the Watershed Basins (1995) data set, which has been retained for historical purposes. The Minnesota Watersheds layer is the maintenance version of watershed delineations for the Minnesota DNR.



EXTENT: Statewide

SCALE: 1: 100000

SOURCE: Minnesota Department of Natural Resources

DATA ENHANCEMENTS: None

USAGE TIPS: The coverage was originally created to support wetlands mitigation and water quality monitoring programs.

RELATED TABLES: Unknown

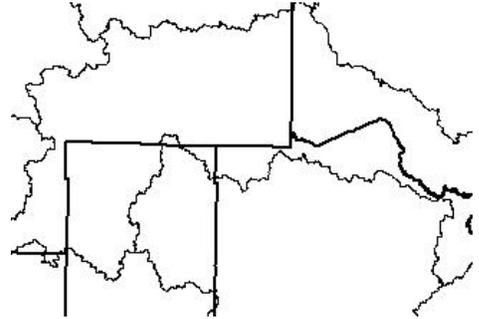
USDA PROGRAM OR SECTION: Conservation

WEB ADDRESS: http://deli.dnr.state.mn.us/data_search.html

USDA GEODATA NAME:**huc8_a_mn / huc8_a_mn###**

ACCESS CONSTRAINTS: None**ORIGINAL SOURCE NAME:** huc8_a_mn

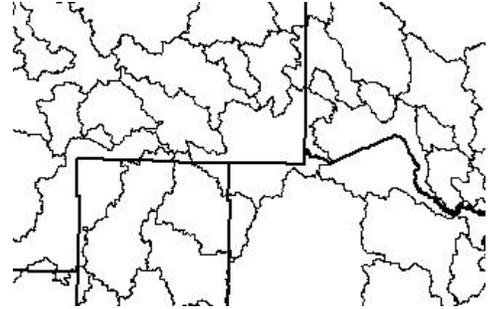
DESCRIPTION: Identifies the area defined by the eight digit hydrologic unit code. The Geographic Information Retrieval and Analysis System (GIRAS) was developed in the mid 70s to put into digital form a number of data layers which were of interest to the USGS. One of these data layers was the Hydrologic Units. The map is based on the Hydrologic Unit Maps published by the U.S. Geological Survey Office of Water Data Coordination, together with the list descriptions and name of region, subregion, accounting units, and cataloging unit. The hydrologic units are encoded with an eight- digit number that indicates the hydrologic region (first two digits), hydrologic subregion (second two digits), accounting unit (third two digits), and cataloging unit (fourth two digits).

**EXTENT:** Statewide**SCALE:** 1:100000**SOURCE:** USDA Natural Resource Conservation Services**DATA ENHANCMENTS:** None**USAGE TIPS:****RELATED TABLES:** None**USDA PROGRAM OR SECTION:** Conservation**WEB ADDRESS:** None

USDA GEODATA NAME:**huc11_a_mn / huc11_a_mn###**

ACCESS CONSTRAINTS: None**ORIGINAL SOURCE NAME:** huc11_a_mn.shp

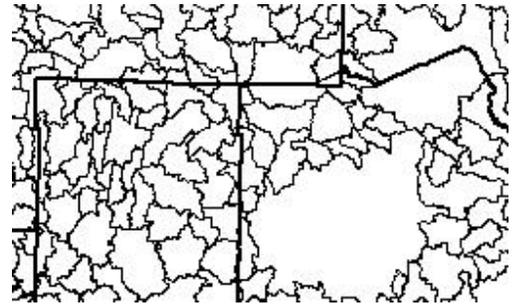
DESCRIPTION: Identifies the area defined by the eleven digit hydrologic unit code. The Geographic Information Retrieval and Analysis System (GIRAS) was developed in the mid 70s to put into digital form a number of data layers which were of interest to the USGS. One of these data layers was the Hydrologic Units. The map is based on the Hydrologic Unit Maps published by the U.S. Geological Survey Office of Water Data Coordination, together with the list descriptions and name of region, subregion, accounting units, and cataloging unit. The hydrologic units are encoded with an eight-digit number that indicates the hydrologic region (first two digits), hydrologic subregion (second two digits), accounting unit (third two digits), and cataloging unit (fourth two digits).

**EXTENT:** Statewide**SCALE:** 1:100000**SOURCE:** USDA Natural Resource Conservation Services**DATA ENHANCEMENTS:** None**USAGE TIPS:****RELATED TABLES:** None**USDA PROGRAM OR SECTION:** Conservation**WEB ADDRESS:** None

USDA GEODATA NAME:**huc14_a_mn / huc14_a_mn###**

ACCESS CONSTRAINTS: None**ORIGINAL SOURCE NAME:** huc14_a_mn.shp

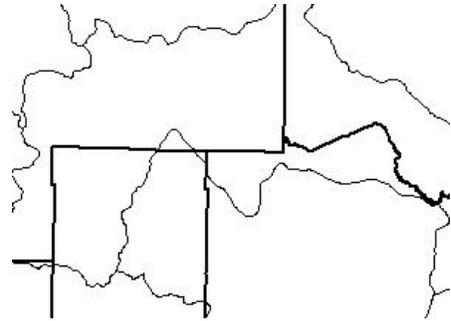
DESCRIPTION: Identifies the area defined by the fourteen digit hydrologic unit code. The Geographic Information Retrieval and Analysis System (GIRAS) was developed in the mid 70s to put into digital form a number of data layers which were of interest to the USGS. One of these data layers was the Hydrologic Units. The map is based on the Hydrologic Unit Maps published by the U.S. Geological Survey Office of Water Data Coordination, together with the list descriptions and name of region, subregion, accounting units, and cataloging unit. The hydrologic units are encoded with an eight- digit number that indicates the hydrologic region (first two digits), hydrologic subregion (second two digits), accounting unit (third two digits), and cataloging unit (fourth two digits).

**EXTENT:** Statewide**SCALE:** 1:100000**SOURCE:** USDA Natural Resource Conservation Services**DATA ENHANCMENTS:** None**USAGE TIPS:****RELATED TABLES:** None**USDA PROGRAM OR SECTION:** Conservation**WEB ADDRESS:** None

USDA GEODATA NAME:**huc250k_a_mn / huc250k_a_mn**

ACCESS CONSTRAINTS: None**ORIGINAL SOURCE NAME:** huc14_a_mn.shp

DESCRIPTION: Identifies the area defined by the fourteen digit hydrologic unit code. The Geographic Information Retrieval and Analysis System (GIRAS) was developed in the mid 70s to put into digital form a number of data layers which were of interest to the USGS. One of these data layers was the Hydrologic Units. The map is based on the Hydrologic Unit Maps published by the U.S. Geological Survey Office of Water Data Coordination, together with the list descriptions and name of region, subregion, accounting units, and cataloging unit. The hydrologic units are encoded with an eight- digit number that indicates the hydrologic region (first two digits), hydrologic subregion (second two digits), accounting unit (third two digits), and cataloging unit (fourth two digits).



In the fall of 2002, the USDA-NRCS National Cartography and Geospatial Center (NCGC) updated the attribute table by appending the name fields for the 2, 4, 6, 8-digit HU's from the 1:2M USGS 8-digit dataset. NCGC also made attribute fields for 2, 4, 6, 8-digit hydrologic unit codes. Lastly, NCGC created fields for "Acreas" and "Square Miles". These two fields were calculated from the area field while the dataset had a projection of Albers Equal Area. The dataset was then projected into Geographic, DD, NAD83.

EXTENT: Statewide**SCALE:** 1:100000**SOURCE:** USDA Natural Resource Conservation Services**DATA ENHANCEMENTS:** None

USAGE TIPS: This data set was compiled originally to provide the National Water Quality Assessment (NAWQA) study units with an intermediate- scale river basin boundary for extracting other GIS data layers. The data can also be used for illustration purposes at intermediate or small scales (1:250,000 to 1:2 million).

RELATED TABLES: None**USDA PROGRAM OR SECTION:** Conservation**WEB ADDRESS:** None

F:geodata\imagery

This folder contains satellite or non-standard imagery products for Minnesota. A subfolder called compliance_fsa exists that contains the 2 meter NAIP imagery by year. Only current year imagery is maintained in the service center.

DATA STEWARD: Farm Service Agency

USDA GEODATA NAME:

TBD

ACCESS CONSTRAINTS: These datasets and folders are read only.

ORIGINAL SOURCE NAME: For individual photo numbers and see their website for [ordering information and payment options](#):

Sales Branch, USDA FSA APFO
2222 West 2300 South
Salt Lake City, UT 84119-2020
sales@apfo.usda.gov
www.apfo.usda.gov
(801) 975-3503

DESCRIPTION: TBA

EXTENT: By County

SCALE: TBA

SOURCE: TBA

DATA ENHANCEMENTS: TBA

USAGE TIPS: TBA

RELATED TABLES: TBA

TOOL IMPACTS: TBA

USDA PROGRAM OR SECTION: TBA

WEB ADDRESS: None

F:\geodata\imagery\compliance_fsa

This folder contains information for FSA Compliance activity. Subfolders are added by year. Services centers will only maintain the information for the most current year. Other imagery products are available from APFO. See website.

DATA STEWARD: Farm Service Agency**USDA GEODATA NAME:****TBA**

ACCESS CONSTRAINTS: These datasets and folders are read only.**ORIGINAL SOURCE NAME:** Type**DESCRIPTION:** The National Agriculture Imagery Program (NAIP) acquires imagery during the agricultural growing seasons in the continental U.S. A primary goal of the NAIP program is to enable availability of digital ortho photography within a year of acquisition.**EXTENT:** All agricultural areas in Minnesota**SCALE:** 2 meter product**SOURCE:** National Agriculture Imagery Program (NAIP)**DATA ENHANCEMENTS:** Type**USAGE TIPS:** A two meter GSD image that matches within 10 meters of reference ortho imagery.**RELATED TABLES:** None**TOOL IMPACTS:** FSA Compliance Tool**USDA PROGRAM OR SECTION:** Compliance, Conservation, Farm Loan, Disaster, DCP**WEB ADDRESS:** <http://www.apfo.usda.gov/NAIP.html>

Please note: *The 'INTERIM' compressed county mosaic (CCM) product has been created to provide timely information for the Farm Service Agency's compliance program. FSA is distributing the interim product ONLY with the understanding the images have not yet undergone FSA's comprehensive quality assurance inspection process, which may require corrections and possible replacement of the imagery. Buyer should be aware, that the purchased interim CCM may be incomplete, may contain defects, and may have horizontal accuracy less than the specified tolerances.*

F:\geodata\imagery\compliance_fsa\2004

This folder contains information for FSA Compliance activity. Subfolders are added by year. Services centers will only maintain the information for the most current year. Other imagery products are available from APFO. See website.

DATA STEWARD: Farm Service Agency**USDA GEODATA NAME:****TBA**

ACCESS CONSTRAINTS: These datasets and folders are read only.**ORIGINAL SOURCE NAME:** Type**DESCRIPTION:** The National Agriculture Imagery Program (NAIP) acquires imagery during the agricultural growing seasons in the continental U.S. A primary goal of the NAIP program is to enable availability of digital ortho photography within a year of acquisition.**EXTENT:** All agricultural areas in Minnesota**SCALE:** 2 meter product**SOURCE:** National Agriculture Imagery Program (NAIP)**DATA ENHANCEMENTS:** Type**USAGE TIPS:** A two meter GSD image that matches within 10 meters of reference ortho imagery.**RELATED TABLES:** None**TOOL IMPACTS:** FSA Compliance Tool**USDA PROGRAM OR SECTION:** Compliance, Conservation, Farm Loan, Disaster, DCP**WEB ADDRESS:** <http://www.apfo.usda.gov/NAIP.html>

Please note: The 'INTERIM' compressed county mosaic (CCM) product has been created to provide timely information for the Farm Service Agency's compliance program. FSA is distributing the interim product ONLY with the understanding the images have not yet undergone FSA's comprehensive quality assurance inspection process, which may require corrections and possible replacement of the imagery. Buyer should be aware, that the purchased interim CCM may be incomplete, may contain defects, and may have horizontal accuracy less than the specified tolerances.

F:\geodata\imagery\compliance_fsa\2005

This folder contains information for FSA Compliance activity. Subfolders are added by year. Services centers will only maintain the information for the most current year. Other imagery products are available from APFO. See website.

DATA STEWARD: Farm Service Agency**USDA GEODATA NAME:****TBA**

ACCESS CONSTRAINTS: These datasets and folders are read only.**ORIGINAL SOURCE NAME:** Type**DESCRIPTION:** The National Agriculture Imagery Program (NAIP) acquires imagery during the agricultural growing seasons in the continental U.S. A primary goal of the NAIP program is to enable availability of digital ortho photography within a year of acquisition.**EXTENT:** All agricultural areas in Minnesota**SCALE:** 2 meter product**SOURCE:** National Agriculture Imagery Program (NAIP)**DATA ENHANCEMENTS:** Type**USAGE TIPS:** A two meter GSD image that matches within 10 meters of reference ortho imagery.**RELATED TABLES:** None**TOOL IMPACTS:** FSA Compliance Tool**USDA PROGRAM OR SECTION:** Compliance, Conservation, Farm Loan, Disaster, DCP**WEB ADDRESS:** <http://www.apfo.usda.gov/NAIP.html>

Please note: The 'INTERIM' compressed county mosaic (CCM) product has been created to provide timely information for the Farm Service Agency's compliance program. FSA is distributing the interim product ONLY with the understanding the images have not yet undergone FSA's comprehensive quality assurance inspection process, which may require corrections and possible replacement of the imagery. Buyer should be aware, that the purchased interim CCM may be incomplete, may contain defects, and may have horizontal accuracy less than the specified tolerances.

F:\geodata\imagery\compliance_fsa\2006

This folder contains information for FSA Compliance activity. Subfolders are added by year. Services centers will only maintain the information for the most current year. Other imagery products are available from APFO. See website.

DATA STEWARD: Farm Service Agency**USDA GEODATA NAME:****TBA**

ACCESS CONSTRAINTS: These datasets and folders are read only.**ORIGINAL SOURCE NAME:** Type**DESCRIPTION:** The National Agriculture Imagery Program (NAIP) acquires imagery during the agricultural growing seasons in the continental U.S. A primary goal of the NAIP program is to enable availability of digital ortho photography within a year of acquisition.**EXTENT:** All agricultural areas in Minnesota**SCALE:** 2 meter product**SOURCE:** National Agriculture Imagery Program (NAIP)**DATA ENHANCEMENTS:** Type**USAGE TIPS:** A two meter GSD image that matches within 10 meters of reference ortho imagery.**RELATED TABLES:** None**TOOL IMPACTS:** FSA Compliance Tool**USDA PROGRAM OR SECTION:** Compliance, Conservation, Farm Loan, Disaster, DCP**WEB ADDRESS:** <http://www.apfo.usda.gov/NAIP.html>

Please note: The 'INTERIM' compressed county mosaic (CCM) product has been created to provide timely information for the Farm Service Agency's compliance program. FSA is distributing the interim product ONLY with the understanding the images have not yet undergone FSA's comprehensive quality assurance inspection process, which may require corrections and possible replacement of the imagery. Buyer should be aware, that the purchased interim CCM may be incomplete, may contain defects, and may have horizontal accuracy less than the specified tolerances.

F:\geodata\land_site

This folder contains various information regarding land sites and/or management land units.

DATA STEWARD: Farm Service Agency

USDA GEODATA NAME:

dnr_shorwas_p_mn

ACCESS CONSTRAINTS: <http://deli.dnr.state.mn.us/about.html>

USDA GEODATA NAME: shorwas_p_mn

ORIGINAL SOURCE NAME: Unknown

DESCRIPTION: This data shows the approximate locations of boat accesses in the state. This is not a comprehensive list but one that was generated through a cooperative effort. Most, if not all of the state managed access sites are included. Private accesses are shown only if provided by the administrator of the access

PUBLICATION DATE: 2003

EXTENT: Statewide

SCALE: Unknown

SOURCE: MN DNR-Trails and Waterways - Use of the data are constrained only by the DNR GIS Data License Agreement. The producer also requests that the data not be updated with permission or redistributed

DATA ENHANCEMENTS: *Progress:* In work

USAGE TIPS: This data set is not designed for use as a primary regulatory tool in permitting or citing decisions, but may be used as a reference source. This is public information and may be interpreted by organizations, agencies, units of government, or others based on needs; however, they are responsible for the appropriate application. Federal, State, or local regulatory bodies are not to reassign to the Service Center Agencies any authority for the decisions that they make. The Service Center Agencies will not perform any evaluations of these data for purposes related solely to State or local regulatory programs. Photographic or digital enlargement of these data to scales greater than at which they were originally mapped can cause misinterpretation of the data. Digital data files are periodically updated, and users are responsible for obtaining the latest version of the data.

RELATED TABLES: None

TOOL IMPACTS: None

USDA PROGRAM OR SECTION: This layer is utilized by FSA for Map Production. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: <http://deli.dnr.state.mn.us/>

USDA GEODATA NAME:

mda_apiary_p_mn

ACCESS CONSTRAINTS: Access is constrained by the standard, general MDA GIS Data License Agreement (see usage tips)

USDA GEODATA NAME: mda_apiary_p_mn

ORIGINAL SOURCE NAME: Unknown

DESCRIPTION: Minnesota Department of Agriculture Apiary Locations (some inspected sites). Apiary location data is collected from the apiary license applications. Applicants report locations of bee hives to the nearest quarter using a Public Land Survey legal description. The centroid of the quarter is derived using ArcView 3.2 pls to point extension. Accuracy of the data is generally within 400 meters, but anomalies exist.

PUBLICATION DATE: October 2002

EXTENT: Statewide

SCALE: Nearest quarter using a Public Land Survey legal description. The centroid of the quarter is derived using ArcView 3.2 pls to point extension. Accuracy of the data is generally within 400 meters, but anomalies exist.

SOURCE: Minnesota Department of Agriculture Apiary Program

DATA ENHANCMENTS: *Progress:* In work

USAGE TIPS: Users of the Minnesota Department of Agriculture General Geographic Data (GGD) files are solely responsible for interpretations made from these products. This data may be freely distributed and used for non-commercial, scientific and educational purposes.

RELATED TABLES: None

TOOL IMPACTS: None

USDA PROGRAM OR SECTION: This layer is utilized by FSA for Map Production. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: <http://www.mda.state.mn.us>

USDA GEODATA NAME:**mda_dairy_p_mn**

ACCESS CONSTRAINTS: Access is constrained by the standard, general MDA GIS Data License Agreement (see usage tips)**USDA GEODATA NAME:** mda_dairy_p_mn**ORIGINAL SOURCE NAME:** mda_dairy_pt**DESCRIPTION:** Minnesota Department of Agriculture Inspected Dairy Farms.**PUBLICATION DATE:** Unknown**EXTENT:** Statewide**SCALE:** Dairy Farm PLS descriptions were collected to the nearest 40 acre sub-quarter. Centroid coordinates were derived using sectic.**SOURCE:** Minnesota Department of Agriculture**DATA ENHANCMENTS:** *Progress:* In work**USAGE TIPS:** Users of the Minnesota Department of Agriculture General Geographic Data (GGD) files are solely responsible for interpretations made from these products. This data is considered public information and may be distributed or copied at no charge. However, the Minnesota Department of Agriculture retains a nonexclusive, royalty-free license to publish or reproduce this data, or allow others to do so. This data may be freely distributed and used for non-commercial, scientific and educational purposes. This data may also be protected under the U.S. and Foreign Copyright Laws and the Minnesota Department of Agriculture may charge a fee for its commercial use. The Minnesota Department of Agriculture makes no representations about the suitability of this data for any purpose. The data is provided "as is", without express or implied warranties of merchantability and fitness for a particular use or purpose; nor can the Minnesota Department of Agriculture guarantee the accuracy of the data collected.**RELATED TABLES:** None**TOOL IMPACTS:** None**USDA PROGRAM OR SECTION:** This layer is utilized by FSA for Map Production. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.**WEB ADDRESS:** <http://www.mda.state.mn.us>

USDA GEODATA NAME:

mda_dplant_p_mn

ACCESS CONSTRAINTS: Access is constrained by the standard, general MDA GIS Data License Agreement (see usage tips)

USDA GEODATA NAME: mda_dplant_p_mn

ORIGINAL SOURCE NAME: mda_dplant_pt

DESCRIPTION: Minnesota Department of Agriculture, Dairy and Food Division. Minnesota Department of Agriculture Inspected Dairy Plants and Cultured Dairy Plants. This data set shows the locations of Dairy Plants in Minnesota. It is used for market analysis.

PUBLICATION DATE: October 2002

EXTENT: Statewide

SCALE: Accuracy of the point locations is indicated by the coordtype column. A1 - address matched, G15 - GPS location within 15 meters, A4 - nearest intersection. Locations of all Dairy Plants are being collected using GPS units. Those that have not been collected have had their address's geolocated using TeleAtlas.

SOURCE: Minnesota Department of Agriculture

DATA ENHANCMENTS: *Progress:* In work , Monthly

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RELATED TABLES: None

TOOL IMPACTS: None

USDA PROGRAM OR SECTION: This layer is utilized by FSA for Map Production. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: <http://www.mda.state.mn.us>

USDA GEODATA NAME:

mda_feed_p_mn

ACCESS CONSTRAINTS: Access is constrained by the standard, general MDA GIS Data License Agreement (see usage tips)

USDA GEODATA NAME: mda_feed_p_mn

ORIGINAL SOURCE NAME: mda_feed_pt

DESCRIPTION: Minnesota Department of Agriculture Commercial Feed Licenses Locations . Developed for Minnesota Department of Agriculture Emergency Preparedness Response.

PUBLICATION DATE: November 2002

EXTENT: Statewide

SCALE: Feed Facilities location data is collected to the nearest quarter using a Public Land Survey legal description. The centroid of the quarter is derived using ArcView 3.2 pls to point extension. Accuracy of the data is generally within 400 meters, but anomalies exist.

SOURCE: Minnesota Department of Agriculture

DATA ENHANCMENTS: *Progress:* In work

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RELATED TABLES: None

TOOL IMPACTS: None

USDA PROGRAM OR SECTION: This layer is utilized by FSA for Map Production. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: <http://www.mda.state.mn.us>

USDA GEODATA NAME:***mda_food_p_mn***

ACCESS CONSTRAINTS: Access is constrained by the standard, general MDA GIS Data License Agreement (see usage tips)

USDA GEODATA NAME: mda_food_p_mn

ORIGINAL SOURCE NAME: mda_food_pt

DESCRIPTION: Minnesota Department of Agriculture Licensed Food Handlers. Used to locate licensed Food Handlers and determine densities of accounts.

PUBLICATION DATE: November 2002

EXTENT: Statewide

SCALE: Accuracy of the point locations is indicated by the coordtype column. A1 - address matched, G15 - GPS location within 15 meters, A4 - nearest intersection. Locations of licensed food handlers are being collected using GPS units. Those that have not been collected have had their addresses geolocated using TeleAtlas.

SOURCE: Minnesota Department of Agriculture

DATA ENHANCEMENTS: *Progress:* In work

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RELATED TABLES: None

TOOL IMPACTS: None

USDA PROGRAM OR SECTION: This layer is utilized by FSA for Map Production. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: <http://www.mda.state.mn.us>

USDA GEODATA NAME:**mda_grain_p_mn**

ACCESS CONSTRAINTS: Access is constrained by the standard, general MDA GIS Data License Agreement (see usage tips)

USDA GEODATA NAME: mda_grain_p_mn

ORIGINAL SOURCE NAME: mda_grain_pt

DESCRIPTION: Minnesota Department of Agriculture Inspected Grain Elevators\Storage includes Buy and Store, Grain Buyer, and Grain Bank license types.

PUBLICATION DATE: 2002

EXTENT: Statewide

SCALE: Accuracy of the point locations is indicated by the coordtype column. A1 - address matched, G15 - GPS location within 15 meters, A4 - nearest intersection. Locations of some of the Grain Storage Facilities are being collected using GPS units. Those that have not been collected have had their addresses geolocated using TeleAtlas.

SOURCE: Minnesota Department of Agriculture

DATA ENHANCMENTS: *Progress:* In work

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RELATED TABLES: None

TOOL IMPACTS: None

USDA PROGRAM OR SECTION: This layer is utilized by FSA for Map Production. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: <http://www.mda.state.mn.us>

USDA GEODATA NAME:***mda_mngrown_p_mn***

ACCESS CONSTRAINTS: Access is constrained by the standard, general MDA GIS Data License Agreement (see usage tips)

USDA GEODATA NAME: mda_mngrown_p_mn

ORIGINAL SOURCE NAME: mda_mngrown_pt

DESCRIPTION: Minnesota Department of Agriculture: Minnesota Grown Licensed Facility Locations. Used on the internet to provide consumers maps of the locations of the Minnesota Grown Licensed Facilities

PUBLICATION DATE: 2002

EXTENT: Statewide

SCALE: Locations were address matched and then verified by the license holders. The locations were corrected by digitizing by sight the location indicator on the map. Locations are estimated to be within 100 meters of the actual location.

SOURCE: Minnesota Department of Agriculture

DATA ENHANCEMENTS: *Progress:* In work

USAGE TIPS: Users of the Minnesota Department of Agriculture General Geographic Data (GGD) files are solely responsible for interpretations made from these products. This data is considered public information and may be distributed or copied at no charge. However, the Minnesota Department of Agriculture retains a nonexclusive, royalty-free license to publish or reproduce this data, or allow others to do so. This data may be freely distributed and used for non-commercial, scientific and educational purposes. This data may also be protected under the U.S. and Foreign Copyright Laws and the Minnesota Department of Agriculture may charge a fee for its commercial use. The Minnesota Department of Agriculture makes no representations about the suitability of this data for any purpose. The data is provided "as is", without express or implied warranties of merchantability and fitness for a particular use or purpose; nor can the Minnesota Department of Agriculture guarantee the accuracy of the data collected.

RELATED TABLES: None

TOOL IMPACTS: None

USDA PROGRAM OR SECTION: This layer is utilized by FSA for Map Production. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: <http://www.mda.state.mn.us>

F:\geodata\land_site\facilities

This folder contains information pertaining to food, feed seed and fertilizer facilities tracked by FSA.

USDA GEODATA NAME:**fff_fac_p_mn###**

ACCESS CONSTRAINTS: USDA FSA personnel only**USDA GEODATA NAME:** fff_fac_p_mn###**ORIGINAL SOURCE NAME:** fff_fac_p_mn###**DESCRIPTION:** FSA Food, Feed and Seed Facility listings are an inventory of significant food, feed and seed processing, storage and wholesale and chain store distribution facilities considered essential to the United State for use in damage assessment and other emergency activities, including natural disasters, technological and other emergencies.**PUBLICATION DATE:** 2003-present**EXTENT:** Statewide**SCALE:** Data collected using GPS, with Differential Correction < 5 meters**SOURCE:** USDA Farm Service Agency – Minnesota State Office and County Service Centers**DATA ENHANCMENTS:** *Progress:* In work**USAGE TIPS:** This data set is not designed for use as a primary regulatory tool in permitting or citing decisions, but may be used as a reference source. This is public information and may be interpreted by organizations, agencies, units of government, or others based on needs; however, they are responsible for the appropriate application. Federal, State, or local regulatory bodies are not to reassign to the Service Center Agencies any authority for the decisions that they make. The Service Center Agencies will not perform any evaluations of these data for purposes related solely to State or local regulatory programs. Photographic or digital enlargement of these data to scales greater than at which they were originally mapped can cause misinterpretation of the data. Digital data files are periodically updated, and users are responsible for obtaining the latest version of the data.**RELATED TABLES:** None**USDA PROGRAM OR SECTION:** This layer is utilized by FSA for Map Production.**WEB ADDRESS:** <http://intra4.fsa.usda.gov/MN\MNi>

F:\geodata\land_site\facility_loans

This folder contains information pertaining to facilities that have used FSA as a lender.

USDA GEODATA NAME:

fac_loans_p_mn###

ACCESS CONSTRAINTS: USDA FSA personnel only

USDA GEODATA NAME: fac_loans_p_mn###

ORIGINAL SOURCE NAME: fac_loans_p_mn###

DESCRIPTION: Locations or farm storage structures and handling equipment for which CCC holds the first lien as collateral.

PUBLICATION DATE: 2003-present

EXTENT: Statewide

SCALE: Data collected using GPS, with Differential Correction < 5 meters

SOURCE: USDA Farm Service Agency – Minnesota State Office and County Service Centers

DATA ENHANCMENTS: *Progress:* In work

USAGE TIPS: This data set is not designed for use as a primary regulatory tool in permitting or citing decisions, but may be used as a reference source. This is public information and may be interpreted by organizations, agencies, units of government, or others based on needs; however, they are responsible for the appropriate application. Federal, State, or local regulatory bodies are not to reassign to the Service Center Agencies any authority for the decisions that they make. The Service Center Agencies will not perform any evaluations of these data for purposes related solely to State or local regulatory programs. Photographic or digital enlargement of these data to scales greater than at which they were originally mapped can cause misinterpretation of the data. Digital data files are periodically updated, and users are responsible for obtaining the latest version of the data.

RELATED TABLES: None

TOOL IMPACTS: None

USDA PROGRAM OR SECTION: This layer is utilized by FSA for Map Production.

WEB ADDRESS: <http://intra4.fsa.usda.gov/MN\MNi/>

F:\geodata\land_use_land_cover

This folder contains information regarding land use and land cover information specific to Minnesota.

DATA STEWARD: Natural Resource Conservation Services

USDA GEODATA NAME:

federal_lands_a_mn

ACCESS CONSTRAINTS: This dataset is not intended for site specific work, but for more generalized analysis or reference. Appropriate uses of this data include, but are not limited to, regional or large area planning or analysis, coarse scale impacts of initiatives affecting biodiversity protection, large scale environmental impact, or education. Inappropriate uses include, but are not limited to, establishing exact boundaries of ownership or administration, establishing definite presence or absence of ownership or administration, using this data in lieu of source information for small scale analysis.

ORIGINAL SOURCE NAME: federal_lands

DESCRIPTION: This database contains lands owned and administered by the Federal government which are managed for a variety of economic, environmental, and recreational uses. The forty base is derived from mathematically subdivided PLS sections. Attribute fields describe ownership, administrator, and conservation management code. Ownership reflects surface features only. Ownership is only as current as the source information and should not be considered comprehensive for the entire state. Conservation management codes are based upon the owning or administrating entity. Land interest is expressed only when some organization owns or administers more than 50 percent of a forty.

EXTENT: Statewide

SCALE: 1:100000

SOURCE: BRW, Inc.

DATA ENHANCMENTS: None

USAGE TIPS: IMPORTANT: The date of source material is variable and ranges from 1976 to 1998, although a date range of 1983 to 1985 predominates. Please be aware that these data represent a snapshot in time and are not actively maintained. Note that the mathematically subdivided PLS-Forty resolution base is not our most accurate source of PLS-Forty cartography. Government lots are not accurately mapped. Forest Service lands are not consistently mapped. At the time of development, The Chippewa National Forest had much better information available than the Superior National Forest. Since the development of this layer, some disagreements have arisen amongst BLM, tribal, and state land records administrators related to ownership of some individual forty acre parcels in Northwestern Minnesota, particularly around Red Lake Wildlife Management Area and Beltrami Island State Forest.

RELATED TABLES: None

USDA PROGRAM OR SECTION: None

WEB ADDRESS: <http://deli.dnr.state.mn.us>

USDA GEODATA NAME:

landcover_a_mn###

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME:

DESCRIPTION:

EXTENT:

SCALE: 1:24000

SOURCE:

DATA ENHANCMENTS: None

USAGE TIPS:

RELATED TABLES: None

USDA PROGRAM OR SECTION: None

WEB ADDRESS:

USDA GEODATA NAME:

landuse_a_mn###

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME:

DESCRIPTION:

EXTENT:

SCALE: 1:24000

SOURCE:

DATA ENHANCMENTS: None

USAGE TIPS:

RELATED TABLES: None

USDA PROGRAM OR SECTION: None

WEB ADDRESS:

USDA GEODATA NAME:

lu24k_a_mn###

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME:

DESCRIPTION:

EXTENT:

SCALE: 1:24000

SOURCE:

DATA ENHANCMENTS: None

USAGE TIPS:

RELATED TABLES: None

USDA PROGRAM OR SECTION: None

WEB ADDRESS: <http://deli.dnr.state.mn.us/>

USDA GEODATA NAME:**lulc_ic90_a_mn###**

ACCESS CONSTRAINTS: None**ORIGINAL SOURCE NAME:** lulc_ic90py3

DESCRIPTION: This data set is a product of an effort to update Minnesota's 1969 land use inventory. The project was funded in 1989 by the Minnesota State Legislature on the recommendation of the Legislative Commission on Minnesota Resources (LCMR) in cooperation with the Red River Watershed Management Board. Interpretation and coding of land use were done by The International Coalition for Land and Water Stewardship in the Red River Basin.



EXTENT: Becker, Benton, Big Stone, Blue Earth, Brown, Chippewa, Chisago, Clay, Cottonwood, Dodge, Douglas, Faribault, Fillmore, Freeborn, Goodhue, Grant, Houston, Isanti, Jackson, Kanabec, Kandiyohi, Kittson, Lac qui Parle, Le Sueur, Lincoln, Lyon, McLeod, Mahnomen, Marshall, Martin, Meeker, Morrison, Mower, Murray, Nicollet, Nobles, Norman, Otter Tail, Pennington, Pipestone, Polk, Pope, Red Lake, Redwood, Renville, Rice, Rock, Roseau, Sherburne, Sibley, Stearns, Steele, Stevens, Swift, Todd, Traverse, Wabasha, Waseca, Watonwan, Wilkin, Winona, Wright, Yellow Medicine.

SCALE: 1:24000**SOURCE:** The International Coalition for Land and Water Stewardship in the Red River Basin**DATA ENHANCMENTS:** None

USAGE TIPS: The Land Use\Land Cover project was undertaken with three principal purposes in mind:

1. Provide detailed and up to date land use and land cover information for state resource management and planning projects, local water and watershed planning, and local comprehensive planning projects.
2. Update the 1969 land use\land cover map. This would make it possible to analyze changes in land utilization over the last 20 years.
3. Use the updated and more detailed land use\land cover variable as a unifying component for a new, much more refined and detailed state data base.

RELATED TABLES: None**USDA PROGRAM OR SECTION:** None**WEB ADDRESS:** <http://deli.dnr.state.mn.us/>

USDA GEODATA NAME:**lulc_mlcc_a_mn###****ACCESS CONSTRAINTS:** None**ORIGINAL SOURCE NAME:** lulc_mlccspy3

DESCRIPTION: This land cover data set was derived from 30 meter resolution LANDSAT Thematic Mapper (TM) satellite imagery. Classification is divided into 15 classes with source imagery dates ranging from September 1991 to August 1996. Both a raster and a vector version are available.

**EXTENT:**

Aitkin _ 6\13\96
 Carlton _ 6\13\96
 Cass _ 6\18\95
 Cook _ 6\1\94
 Crow Wing _ 6\18\95
 Hubbard _ 6\18\95
 Itasca _ 6\18\95
 Koochiching _ 6\18\95
 Lake _ 6\1\94
 Lake of the Woods _ 8\30\96
 Mille Lacs _ 9\20\91
 Pine _ 6\13\96
 St. Louis _ 6\8\94
 Wadena _ 6\18\95

SCALE: 30 meter resolution LANDSAT**SOURCE:** Manitoba Remote Sensing Centre**DATA ENHANCEMENTS:** None

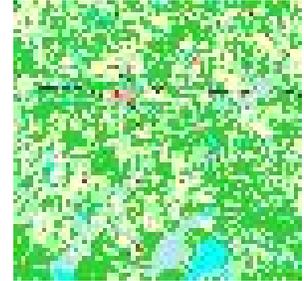
USAGE TIPS: Caution: Two significant sources of classification confusion exist that result in older forest being classed as young. (1) One source of confusion results because stands having very good conditions for regrowth (measured by site index) mature faster than stands with poor regrowth conditions. The result is older stands with a low site index look very much like younger stands having a higher site index. (2) A second source of confusion is caused by some misclassified mature hardwoods that are found in this category, possibly misclassified because the crown cover is similar to the dense cover such as that which exists in a regenerating aspen stand.'

RELATED TABLES: None**USDA PROGRAM OR SECTION:** None**WEB ADDRESS:** http://www.lmic.state.mn.us/chouse/metadata/mrsc_lu.html#ordering

USDA GEODATA NAME:**bsuluse_a_mn###**

ACCESS CONSTRAINTS: None**ORIGINAL SOURCE NAME:** bsuluse.exe

DESCRIPTION: An updated raster version of land use was created for Clearwater and Beltrami Counties in 1987, based on 1986 aerial photography. The original Land Management Information Center 40-acre (MLMIS40) 1969 land use classification for these counties was updated by the Beltrami and Clearwater Soil and Water Conservation Districts, using air photo interpretation. Information was updated by the Geography Department at Bemidji State University using the edit routines in the Environmental Planning Programming Language (EPPL7) software.

**EXTENT:** Beltrami & Clearwater County**SCALE:** 1:24000**SOURCE:** Department of Geography, Bemidji State University; Clearwater Soil and Water Conservation District; Beltrami Soil and Water Conservation District**DATA ENHANCMENTS:** None

USAGE TIPS: 1986, with the exception that most of the Red Lake Reservation in Clearwater and Beltrami Counties, and other portions of Beltrami County north of Red Lake, were not reinterpreted in 1987. The feeling was that in most of this area there had been little if any change in land use since 1969.

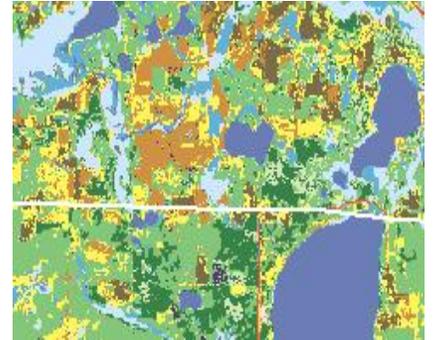
RELATED TABLES: None**USDA PROGRAM OR SECTION:** None**WEB ADDRESS:** <http://deli.dnr.state.mn.us/>

USDA GEODATA NAME:**nlcd.tif**

ACCESS CONSTRAINTS: Users are cautioned to scrutinize the data carefully to see if they are sufficiently reliable before attempting to use the dataset for larger scale or local analyses. In making this evaluation, users must keep in mind that the NLCD represents conditions in the early 1990's.

ORIGINAL SOURCE NAME: nlcd

DESCRIPTION: The U.S. Geological Survey (USGS) produced the National Land Cover Dataset (NLCD) as part of a cooperative project between the USGS and the U.S. Environmental Protection Agency (USEPA). The goal of this project was to produce a consistent land cover data layer for the conterminous United States using 30-meter Landsat thematic mapper (TM) data. The Multiresolution Land Characterization (MRLC) Consortium collected the data used to compile the NLCD. The MRLC Consortium is a partnership of Federal agencies that produce or use land cover data; partners include the USGS (National Mapping, Biological Resources, and Water Resources Divisions), USEPA, the U.S. Forest Service, and the National Oceanic and Atmospheric Administration.



EXTENT: Nation

SCALE: 1:100000

SOURCE: BRW, Inc.

DATA ENHANCEMENTS: None

USAGE TIPS: The NLCD was compiled from Landsat TM imagery (circa 1992) with a spatial resolution of 30 meters supplemented by various ancillary data (where available). The satellite images were analyzed and interpreted by using very large, sometimes multi-State, image mosaics (that is, up to 18 Landsat scenes). Because a relatively small number of aerial photographs were used for 'ground truth,' the thematic interpretations were necessarily conducted from a broad spatial perspective. Furthermore, the accuracy assessments (see below) correspond to Federal Regions, which are groupings of contiguous States. Thus, the reliability of the data is greatest at the State or multi-State level. The statistical accuracy of the data is known only for the region.

RELATED TABLES: None

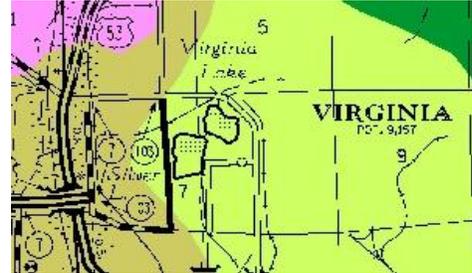
USDA PROGRAM OR SECTION: None

WEB ADDRESS: <http://mcmcweb.er.usgs.gov>

USDA GEODATA NAME:**pveg_mrsch_a_mn**

ACCESS CONSTRAINTS: None**ORIGINAL SOURCE NAME:** pveg_mrschpy1

DESCRIPTION: Presettlement vegetation of Minnesota based on Marschner's original analysis of Public Land Survey notes and landscape patterns. Marschner compiled his results in map format, which was subsequently captured in digital format.

**EXTENT:** Statewide**SCALE:** 1:100000**SOURCE:** BRW, Inc.**DATA ENHANCEMENTS:** None

USAGE TIPS: This data has significant omissions. Many small polygons have not been captured. Some one by one-half degree blocks in the central portion of the state have large numbers of missing polygons. The data also exhibits significant positional off-sets, of up to one thousand feet in places. Use with caution.

RELATED TABLES: None**USDA PROGRAM OR SECTION:** None**WEB ADDRESS:** <http://deli.dnr.state.mn.us/>

F:\geodata\land_use_land_cover\Trygg

This folder contains raster maps of presettlement land. NRCS has received verbal approval, from the Trygg family, to use these maps when creating conservation plans, but the data is not to be shared beyond our Service Center Agency's personnel.

USDA GEODATA NAME:

trygg##

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME:

DESCRIPTION:
presettlement lands



EXTENT: maps are tiled, and include all of Minnesota and western parts of Wisconsin

SCALE: 1:24000

SOURCE: Trygg Family

DATA ENHANCMENTS: None

USAGE TIPS:

RELATED TABLES: None

USDA PROGRAM OR SECTION: None

WEB ADDRESS:

F:\geodata\land_use_land_cover
|fsa_compliance

This folder contains information regarding FSA Compliance information. All questions should be directed to the FSA STATE OFFICE COMPLIANCE SECTION OR FSA STATE GEODATA ADMINISTRATOR. A sub folder for each county will also be present called 27XXX_County. This folder will also contain the compliance CLU by year.

DATA STEWARD: Farm Service Agency

USDA GEODATA NAME:

SEE FSA STATE OFFICE

ACCESS CONSTRAINTS: This folder is for FSA Compliance Activity ONLY

ORIGINAL SOURCE NAME: None

DESCRIPTION: This folder contains information specific to a designated year for compliance. This folder is used by the FSA GIS Compliance Tool.

EXTENT: Statewide

SCALE: 1:40000

SOURCE: Farm Service Agency

DATA ENHANCEMENTS: None

USAGE TIPS: THIS IS FOR COMPLIANCE ONLY

RELATED TABLES: The AFIS report and the 578

USDA PROGRAM OR SECTION: Compliance

WEB ADDRESS: None

F:\geodata\map_indexes

This folder contains information pertaining to map indexes that are used by USDA to reference various geodata.

DATA STEWARD: Farm Service Agency

USDA GEODATA NAME:

quads1deg_a_mn

ACCESS CONSTRAINTS: NONE

ORIGINAL SOURCE NAME: quads1deg_a_mn

DESCRIPTION: Vector dataset provides 1 degree quad boundaries for use with National Elevation Datasets.

EXTENT: This information is updated statewide by the Farm Service State Office.

SCALE: 1:250,000

SOURCE: USDA NRCS Geospatial Data Gateway

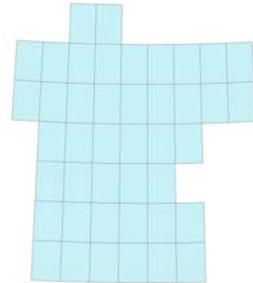
DATA ENHANCMENTS: None

USAGE TIPS: Used the completed 1:250,000 and split each 1x2 degree in half. Inserted E!,W!,N!,S! in QuadName to indicated split. Used for NED data. Generate FIPS_C field of inside, crossing, touching counties.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer can be utilized by any USDA Agency or Section for reference or analysis. This data cannot be modified by a USDA Agency.

WEB ADDRESS: <http://datagateway.nrcs.usda.gov/GatewayHome.html>



USDA GEODATA NAME:

quads12k_a_mn / quads12k_a_mn###

ACCESS CONSTRAINTS: NONE

ORIGINAL SOURCE NAME: quads12k_a_mn###

DESCRIPTION: Vector dataset provides quarter quad boundaries with attributes describing the quads.

EXTENT: This information is updated statewide by the Farm Service State Office.

SCALE: 1:12000

SOURCE: USDA NRCS Geospatial Data Gateway

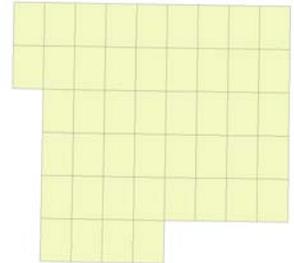
DATA ENHANCEMENTS: None

USAGE TIPS: Theoretical Grid Extract 3.75 quads, add FIPS code, add North South East West fields. This data is provided at the county level.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer can be utilized by any USDA Agency or Section for reference or analysis. This data cannot be modified by a USDA Agency.

WEB ADDRESS: <http://datagateway.nrcs.usda.gov/GatewayHome.html>



USDA GEODATA NAME:

quads24k_a_mn / quads24k_a_mn###

ACCESS CONSTRAINTS: NONE

ORIGINAL SOURCE NAME: quads24k_a_mn###

DESCRIPTION: Vector dataset provides digital raster graphic (DRG) quad boundaries with attributes describing the quads.

EXTENT: This information is updated statewide by the Farm Service State Office.

SCALE: 1:24000

SOURCE: USDA NRCS Geospatial Data Gateway

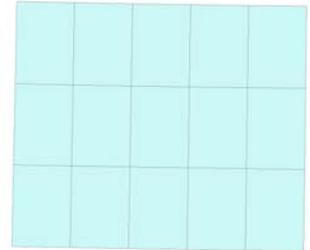
DATA ENHANCMENTS: None

USAGE TIPS: Forced all coordinates to nearest even increment of 7.5 minutes to remove precision problems from being re-projected. Updated quad name, add quad date field, add missing quads. Generate FIPS_C field of inside, crossing, touching counties. This data is provided at the county level.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer can be utilized by any USDA Agency or Section for reference or analysis. This data cannot be modified by a USDA Agency.

WEB ADDRESS: <http://datagateway.nrcs.usda.gov/GatewayHome.html>



USDA GEODATA NAME:

quads100k_a_mn

ACCESS CONSTRAINTS: NONE

ORIGINAL SOURCE NAME: quads100k_a_mn

DESCRIPTION: Vector dataset provides digital raster graphic (DRG) quad boundaries with attributes describing the quads.

EXTENT: This information is updated statewide by the Farm Service State Office.

SCALE: 1:100000

SOURCE: USDA NRCS Geospatial Data Gateway

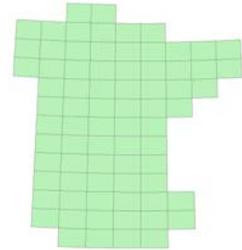
DATA ENHANCMENTS: None

USAGE TIPS: Forced all coordinates to nearest even increment of 7.5 minutes to remove precision problems from being re-projected. Updated quad name, add quad date field, add missing quads. Generate FIPS_C field of inside, crossing, touching counties.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer can be utilized by any USDA Agency or Section for reference or analysis. This data cannot be modified by a USDA Agency.

WEB ADDRESS: <http://datagateway.nrcs.usda.gov/GatewayHome.html>



USDA GEODATA NAME:

quads250k_a_mn

ACCESS CONSTRAINTS: NONE

ORIGINAL SOURCE NAME: quads250k_a_mn

DESCRIPTION: Vector dataset provides digital raster graphic (DRG) quad boundaries with attributes describing the quads.

EXTENT: This information is updated statewide by the Farm Service State Office.

SCALE: 1:250,000

SOURCE: USDA NRCS Geospatial Data Gateway

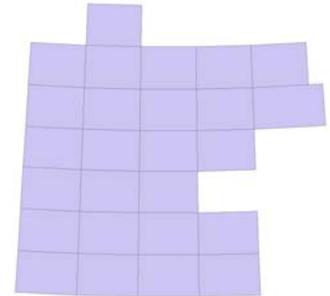
DATA ENHANCMENTS: None

USAGE TIPS: Forced all coordinates to nearest even increment of 7.5 minutes to remove precision problems from being re-projected. Updated quad name, add quad date field, add missing quads. Generate FIPS_C field of inside, crossing, touching counties.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer can be utilized by any USDA Agency or Section for reference or analysis. This data cannot be modified by a USDA Agency.

WEB ADDRESS: <http://\datagateway.nrcs.usda.gov\GatewayHome.html>



F:\geodata\measurement_services

This folder only contains sub folders by year that contain information collected by FSA for paid for measurement services, the Risk Management Agency and other FSA measurement service needs. This main should not contain any information because it must be organized by year.

DATA STEWARD: Farm Service Agency

ACCESS CONSTRAINTS: FSA ONLY

DESCRIPTION: Data in this folder is maintained by year subfolders using the naming convention:20##_MS. This year folder contains the following subfolders: PAID4, RMA and temp. Folders are only added under the direction of the State FSA Office. The PAID4 Folders is for paid for measurement services completed by a FSA service center (ONLY FSA CAN COMPLETE PAID FOR MEASUREMENT SERVICES), the RMA folder is for Risk Management Agency Spot Check information that must be collected yearly, and the temp folder is to serve as a working directory for GPS work as it relates to RMA or PAID4 subfolders.

EXTENT: This folder is Service Center specific.

SCALE: Varies

SOURCE: USDA Farm Service Agency

USAGE TIPS: Folders are broken out by year. Only two years worth of data should be maintained on the Server. All other folders must be burned to a CD and removed from the network.

USDA PROGRAM OR SECTION: Compliance, Conservation, DCP, Disasters, Farm Loan

WEB ADDRESS: None

F:\geodata\ortho_imagery

This folder contains the ONE METER ORTHO IMAGERY. Currently there are three years of one meter ortho imagery 1991, 2002*, 2003, 2004, and 2005. Both the 1991 and 2003 ortho imagery are statewide in extent.

DATA STEWARD: Farm Service Agency–Aerial Photography Field Office

What is the National Agriculture Imagery Program (NAIP)?

NAIP is a program to:

1. Acquire peak growing season “leaf on” imagery, and
2. Deliver this imagery to USDA county Service Centers in order to
 - a. Maintain the common land unit (CLU) boundaries and
 - b. Assist with crop compliance and a multitude of other farm programs.

Who acquires the imagery?

1. Contractors. There are currently 10 primary contractors flying imagery for the USDA Aerial Photography Field Office (APFO).
2. Contractors are selected via “best value” criteria. Contract bids are evaluated on past performance, ability and capacity to perform the work, and cost.
3. A downloadable PDF of the contract can be found on the APFO website (<http://www.apfo.usda.gov>), under the Contract Services link.

How is the imagery acquired?

NAIP imagery is acquired from aircraft that have camera systems meeting rigid specifications. Imagery is flown on a grid like system at specific elevations; the cameras take photographs at specific intervals. This is all to meet the standards as identified in the contract.

Aircraft...what about satellites?

Commercial satellite imagery may also be used in NAIP contracts. In 2004, the contract specified spatial resolution of 1 meter or less in all color bands. For the 2 meter NAIP deliverables, commercial satellite imagery would meet this requirement. In 2005, the requirement was changed to allow PAN sharpening of color bands to reach a resolution of 1 meter ground sample distance (GSD). Although commercial satellite can be used, it hasn't been to date.

What resolution is the imagery?

NAIP imagery can be acquired under two sets of specifications:

1. A 1 meter ground sample distance (GSD) with a horizontal accuracy that matches within 5 meters of reference ortho imagery, and
2. A 2 meter GSD image that matches within 10 meters of reference ortho imagery.

What's reference ortho imagery?

The reference ortho imagery is mosaicked digital ortho quarter quads (DOQQs) used to digitize USDA Farm Service Agency (FSA) common land unit (CLU) boundaries.

The horizontal accuracy of NAIP products is specified in terms of existing imagery to protect the investment made by USDA FSA and partner organizations in developing vector data from existing DOQQs from the National Digital Ortho Photo Program (NDOP).

In order to measure how accurate deliverable imagery is, analysis must be done in comparison to some type of control imagery\points. The control imagery is the baseline existing imagery, and to date is the most efficient means of measuring the accuracy of newly developed imagery.

Is the imagery reviewed to make sure it is accurate?

APFO has stringent imagery compliance guidelines, and all deliverables are checked via proven methods to ensure accuracy and compliance with the contract. Because NAIP is an annual program with short flying seasons, some minor defects such as 10% cloud cover, are accepted.

F:\geodata\ortho_imagery\2005

USDA GEODATA NAME:

ortho_e1-1_mn### *

ACCESS CONSTRAINTS: Imagery can only be provided by APFO or the Land Management Information Center with the State of Minnesota.

ORIGINAL SOURCE NAME: ortho_e1-1_mn###

DESCRIPTION: The 2003 ortho imagery is the official FSA base imagery for editing the CLU. This imagery is known as 1 meter NAIP imagery for Minnesota. The National Agriculture Imagery Program (NAIP) acquires imagery during the agricultural growing seasons in the continental U.S. A primary goal of the NAIP program is to enable availability of digital ortho photography within a year of acquisition. This NAIP imagery was acquired under the specification of:



A one meter ground sample distance (GSD) with a horizontal accuracy that matches within three meters of a reference ortho image. The reference ortho imagery is mosaicked digital ortho quarter quads (DOQs) that were used to digitize USDA FSA common land unit boundaries. The one meter GSD NAIP imagery is intended to provide updated digital ortho photography. Uses natural color.

EXTENT: Statewide

SCALE: 1 METER

SOURCE: National Agriculture Imagery Program (NAIP) – USDA Aerial Photography Field Office, Salt Lake City, Utah

DATA ENHANCEMENTS: None

USAGE TIPS: This data source can generally be considered accurate to approximately 3 METERS. The Farm Service Agency has released 2003 imagery in MrSID format county files which the Land Management Information Center has posted free online. *Some parts of the state, primarily areas in Lake and Cook counties, could not be photographed due to poor weather conditions or other factors.*

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized extensively by all Service Center Agencies. THIS LAYER WILL NOT BE MODIFIED BY ANY SERVICE CENTER AGENCY. APFO WILL COMPLETE ALL AND ANY MODIFICATIONS NEEDED.

WEB ADDRESS: <http://www.apfo.usda.gov> OR http://www.lmic.state.mn.us/chouse/airphoto_usda.html

F:\geodata\ortho_imagery\2004

USDA GEODATA NAME:

ortho_e1-1_mn### *

ACCESS CONSTRAINTS: Imagery can only be provided by APFO or the Land Management Information Center with the State of Minnesota.

ORIGINAL SOURCE NAME: ortho_e1-1_mn###

DESCRIPTION: The 2003 ortho imagery is the official FSA base imagery for editing the CLU. This imagery is known as 1 meter NAIP imagery for Minnesota. The National Agriculture Imagery Program (NAIP) acquires imagery during the agricultural growing seasons in the continental U.S. A primary goal of the NAIP program is to enable availability of digital ortho photography within a year of acquisition. This NAIP imagery was acquired under the specification of:



A one meter ground sample distance (GSD) with a horizontal accuracy that matches within three meters of a reference ortho image. The reference ortho imagery is mosaicked digital ortho quarter quads (DOQs) that were used to digitize USDA FSA common land unit boundaries. The one meter GSD NAIP imagery is intended to provide updated digital ortho photography. Uses natural color.

EXTENT: Statewide

SCALE: 1 METER

SOURCE: National Agriculture Imagery Program (NAIP) – USDA Aerial Photography Field Office, Salt Lake City, Utah

DATA ENHANCEMENTS: None

USAGE TIPS: This data source can generally be considered accurate to approximately 3 METERS. The Farm Service Agency has released 2003 imagery in MrSID format county files which the Land Management Information Center has posted free online. *Some parts of the state, primarily areas in Lake and Cook counties, could not be photographed due to poor weather conditions or other factors.*

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized extensively by all Service Center Agencies. THIS LAYER WILL NOT BE MODIFIED BY ANY SERVICE CENTER AGENCY. APFO WILL COMPLETE ALL AND ANY MODIFICATIONS NEEDED.

WEB ADDRESS: <http://www.apfo.usda.gov> OR http://www.lmic.state.mn.us/chouse/airphoto_usda.html

F:\geodata\ortho_imagery\2003

USDA GEODATA NAME:

ortho_e1-1_mn### * THIS IS THE FSA BASE IMAGERY

ACCESS CONSTRAINTS: Imagery can only be provided by APFO or the Land Management Information Center with the State of Minnesota.

ORIGINAL SOURCE NAME: ortho_e1-1_mn###

DESCRIPTION: The 2003 ortho imagery is the official FSA base imagery for editing the CLU. This imagery is known as 1 meter NAIP imagery for Minnesota. The National Agriculture Imagery Program (NAIP) acquires imagery during the agricultural growing seasons in the continental U.S. A primary goal of the NAIP program is to enable availability of digital ortho photography within a year of acquisition. This NAIP imagery was acquired under the specification of:



A one meter ground sample distance (GSD) with a horizontal accuracy that matches within three meters of a reference ortho image. The reference ortho imagery is mosaicked digital ortho quarter quads (DOQs) that were used to digitize USDA FSA common land unit boundaries. The one meter GSD NAIP imagery is intended to provide updated digital ortho photography. Uses natural color.

EXTENT: Statewide

SCALE: 1 METER

SOURCE: National Agriculture Imagery Program (NAIP) – USDA Aerial Photography Field Office, Salt Lake City, Utah

DATA ENHANCEMENTS: None

USAGE TIPS: This data source can generally be considered accurate to approximately 3 METERS. The Farm Service Agency has released 2003 imagery in MrSID format county files which the Land Management Information Center has posted free online. *Some parts of the state, primarily areas in Lake and Cook counties, could not be photographed due to poor weather conditions or other factors.*

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized extensively by all Service Center Agencies. THIS LAYER WILL NOT BE MODIFIED BY ANY SERVICE CENTER AGENCY. APFO WILL COMPLETE ALL AND ANY MODIFICATIONS NEEDED.

WEB ADDRESS: <http://www.apfo.usda.gov> OR
http://www.lmic.state.mn.us/chouse/airphoto_usda.html

F:\geodata\ortho_imagery\2002

USDA GEODATA NAME:

ortho_e1-1_mn### -

ACCESS CONSTRAINTS: Imagery can only be provided by APFO or the Land Management Information Center with the State of Minnesota.

ORIGINAL SOURCE NAME: ortho_e1-1_mn###

DESCRIPTION: [Twenty-eight agricultural counties](#) in southern Minnesota were flown in June-August 2002. This imagery is known as 1 meter NAIP imagery for Minnesota. The National Agriculture Imagery Program (NAIP) acquires imagery during the agricultural growing seasons in the continental U.S. This NAIP imagery was acquired under the specification of: A one meter ground sample distance (GSD) with a horizontal accuracy that matches within three meters of a reference ortho image. The reference ortho imagery is mosaicked digital ortho quarter quads (DOQs) that were used to digitize USDA FSA common land unit boundaries. The one meter GSD NAIP imagery is intended to provide updated digital ortho photography. Uses natural color.



EXTENT: 28 Counties (Includes: Houston, Winona, Dakota, Goodhue, Wabasha, Fillmore, Houston, Dodge, Olmsted, Mower, Rice, Le Sueur, Waseca, Steele, Freeborn, Faribault, Martin, Watonwan, Brown, Jackson, Nobles, Rock, Pipestone, Lyon, Redwood, Cottonwood, Murray, Blue Earth & Nicollet)

SCALE: 1 METER

SOURCE: National Agriculture Imagery Program (NAIP) – USDA Aerial Photography Field Office, Salt Lake City, Utah

DATA ENHANCEMENTS: None

USAGE TIPS: This data source can generally be considered accurate to approximately 3 METERS. The Farm Service Agency has released 2002 imagery in MrSID format county files which the Land Management Information Center has posted free online. *Some parts of the state, primarily areas in Lake and Cook counties, could not be photographed due to poor weather conditions or other factors.*

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized for historical purposes. THIS LAYER WILL NOT BE MODIFIED BY ANY SERVICE CENTER AGENCY. APFO WILL COMPLETE ALL AND ANY MODIFICATIONS NEEDED.

WEB ADDRESS: <http://www.apfo.usda.gov> OR http://www.lmic.state.mn.us/chouse/airphoto_usda.html

F:\geodata\ortho_imagery\1991

USDA GEODATA NAME:**ortho_e1-1_mn### -****ACCESS CONSTRAINTS:** Imagery can only be provided by APFO or the Land Management Information Center with the State of Minnesota.**ORIGINAL SOURCE NAME:** ortho_e1-1_mn###

DESCRIPTION: This imagery is black and white. This imagery is known as 1 meter NAIP imagery for Minnesota. The National Agriculture Imagery Program (NAIP) acquires imagery during the agricultural growing seasons in the continental U.S. This NAIP imagery was acquired under the specification of: A one meter ground sample distance (GSD) with a horizontal accuracy that matches within three meters of a reference ortho image. The reference ortho imagery is mosaicked digital ortho quarter quads (DOQs) that were used to digitize USDA FSA common land unit boundaries. The one meter GSD NAIP imagery is intended to provide updated digital ortho photography.

**EXTENT:** Statewide**SCALE:** 1 METER**SOURCE:** National Agriculture Imagery Program (NAIP) – USDA Aerial Photography Field Office, Salt Lake City, Utah**DATA ENHANCEMENTS:** None

USAGE TIPS: This data source can generally be considered accurate to approximately 3 METERS. The Farm Service Agency has released 2002 imagery in MrSID format county files which the Land Management Information Center has posted free online. *Some parts of the state, primarily areas in Lake and Cook counties, could not be photographed due to poor weather conditions or other factors.*

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized for historical purposes. THIS LAYER WILL NOT BE MODIFIED BY ANY SERVICE CENTER AGENCY. APFO WILL COMPLETE ALL AND ANY MODIFICATIONS NEEDED.

WEB ADDRESS: <http://www.apfo.usda.gov>

F:geodata\project_data

This folder contains sub folders for the Farm Service Agency, Natural Resource Conservation Services, and the Rural Development Agency. Service Centers also contain sub folders for SWCD and RCD. These folders should only contain information related to projects and should not be used to store statewide or county shapefiles that are already stored in other geodata folders.

The Minnesota State Geodata Team requires that there will be no imagery or geotiffs stored in these folders at this time.

DATA STEWARD: ALL AGENCIES

ACCESS CONSTRAINTS: Each folder is restricted to the specific agency

USDA GEODATA NAME: Set by each agency

ORIGINAL SOURCE NAME: NA

DESCRIPTION: NA

EXTENT: NA

SCALE: NA

SOURCE: NA

DATA ENHANCMENTS: NA

USAGE TIPS: NA

RELATED TABLES: NA

USDA PROGRAM OR SECTION: Agency Specific

WEB ADDRESS: None

F:geodata\public_utilities

No Information available at this time

DATA STEWARD: Rural Development

ACCESS CONSTRAINTS: TBA

USDA GEODATA NAME: TBA

ORIGINAL SOURCE NAME: TBA

DESCRIPTION: TBA

EXTENT: TBA

SCALE: TBA

SOURCE: TBA

DATA ENHANCMENTS: TBA

USAGE TIPS: TBA

RELATED TABLES: TBA

USDA PROGRAM OR SECTION: TBA

WEB ADDRESS: TBA

F:\geodata\soils

This folder contains soils-related datasets.

DATA STEWARD: Natural Resource Conservation Services

USDA GEODATA NAME:

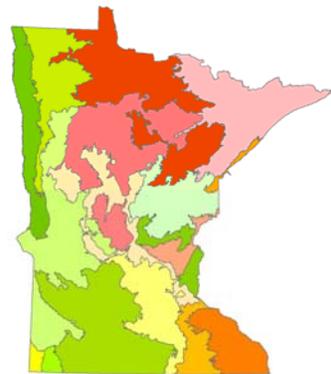
cra_a_mn (statewide)

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME:

DESCRIPTION:

A CRA map delineation is defined as a geographical area where resource concerns, problems, or treatment needs are similar. It is considered a subdivision of an existing Major Land Resource Area (MLRA) map delineation or polygon. Landscape conditions, soil, climate, human considerations, and other natural resource information are used to determine the geographic boundaries of a CRA



EXTENT: Statewide

SCALE: 1:250,000

SOURCE: USDA\NRCS - National Soil Survey Center

DATA ENHANCEMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized by all Service Center Agencies. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: THIS INFORMATION IS PROVIDED DIRECTLY FROM THE STATE OFFICE ONLY!

USDA GEODATA NAME:

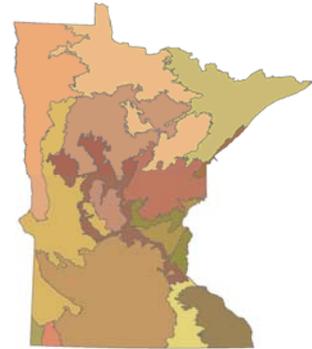
mlra_a_mn (statewide) \ mlra_a_us

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: us48mlra.e00.zip

DESCRIPTION:

Major Land Resource Area (MLRA) boundaries for the conterminous United States. This coverage is intended as a basemap for US national level natural resource analysis.



EXTENT: Statewide

SCALE: 1:2,000,000

SOURCE: USDA\NRCS\NHQ\RAD

DATA ENHANCEMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized by all Service Center Agencies. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: THIS INFORMATION IS PROVIDED DIRECTLY FROM THE STATE OFFICE ONLY!

USDA GEODATA NAME:**statsgo_a_mn (statewide)**

ACCESS CONSTRAINTS: None**ORIGINAL SOURCE NAME:****DESCRIPTION:**

This data set is a digital general soil association map developed by the National Cooperative Soil Survey. It consists of a broad based inventory of soils and nonsoil areas that occur in a repeatable pattern on the landscape and that can be cartographically shown at the scale mapped. The soil maps for STATSGO are compiled by generalizing more detailed soil survey maps. Where more detailed soil survey maps are not available, data on geology, topography, vegetation, and climate are assembled, together with Land Remote Sensing Satellite (LANDSAT) images. Soils of like areas are studied, and the probable classification and extent of the soils are determined.

**EXTENT:** Statewide**SCALE:** 1:250,000**SOURCE:** U.S. Department of Agriculture, Soil Conservation Service**DATA ENHANCMENTS:** None**USAGE TIPS:** None**RELATED TABLES:** None

USDA PROGRAM OR SECTION: This layer is utilized by all Service Center Agencies. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: THIS INFORMATION IS PROVIDED DIRECTLY FROM THE STATE OFFICE ONLY!

F:\geodata\soils\soil_mn###\spatial

USDA GEODATA NAME:

**soilmu_a_mn###, soilmu_l_mn###, soilmu_p_mn###,
soilsa_a_mn###, soilsf_l_mn###, soilsf_p_mn###,
soilsf_t_mn###**

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: same as above

DESCRIPTION:

soilsa_a - soil survey area boundary polygons

soilmu_a - map unit boundary polygons

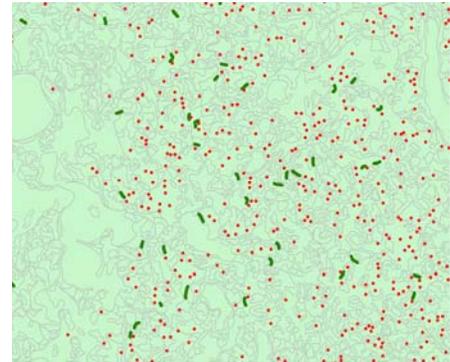
soilmu_l - line map units

soilmu_p - point map units

soilsf_l - line spot features

soilsf_p - point spot features

soilsf_t - spot feature descriptions



EXTENT: Statewide

SCALE: 1:20,000

SOURCE: U.S. Department of Agriculture, Natural Resources Conservation Service

DATA ENHANCEMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: These layers are utilized by all Service Center Agencies. The Area GIS Specialists will now be responsible for the following:

- a. Subscribe to the Soil Data Mart for each county within their Area;
- b. Upon notification, download updated county spatial soils data from the Soil Data Mart to the f:/geodata/soils folder;
- c. Upon notification, download updated county tabular soils data from the Soil Data Mart to the f:/FOTG/Section II folder;
- d. Import new downloaded tabular data into the Soils Access database, residing in the f:/FOTG/Section II folder;
- e. Map to and copy all surrounding county's SSURGO soils data.
- f. CC notification of the soils updates to all three SGA's that an update has been completed for a Service Center.

WEB ADDRESS: THIS INFORMATION IS PROVIDED DIRECTLY FROM THE STATE OFFICE ONLY!

F:\geodata\soils\ soil_mn###\tabular

USDA GEODATA NAME:

Includes Various Text Files

Database location:

F:\FOTG\Section_II\soildb_MN_2003_mn###.mdb

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: same as above

DESCRIPTION:

EXTENT: Statewide

SCALE: 1:20,000

SOURCE: U.S. Department of Agriculture, Natural Resources Conservation Service

DATA ENHANCMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized by all Service Center Agencies. The Area GIS Specialists will now be responsible for the following:

- g. Subscribe to the Soil Data Mart for each county within their Area;
- h. Upon notification, download updated county spatial soils data from the Soil Data Mart to the f:/geodata/soils folder;
- i. Upon notification, download updated county tabular soils data from the Soil Data Mart to the f:/FOTG/Section II folder;
- j. Import new downloaded tabular data into the Soils Access database, residing in the f:/FOTG/Section II folder;
- k. Map to and copy all surrounding county's SSURGO soils data.
- l. CC notification of the soils updates to all three SGA's that an update has been completed for a Service Center.

WEB ADDRESS: THIS INFORMATION IS PROVIDED DIRECTLY FROM THE STATE OFFICE ONLY!

F:\geodata\topographic_images

This folder contains sub folders for topographic imagery. Currently available are the DRG Mosiacs, 24k topos, 100k topos and 250k topos.

DATA STEWARD: Natural Resource Conservation Services

USDA GEODATA NAME:

drg_mn###.tif

ACCESS CONSTRAINTS:

USDA GEODATA NAME: DRG_MN###.tif

ORIGINAL SOURCE NAME: None

DESCRIPTION: None

EXTENT: None

SCALE: None

SOURCE: None

DATA ENHANCMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: None

WEB ADDRESS: None

F:\geodata\topographic_images\DRG_Mosaic

This folder contains information pertaining to the Digital Raster Graphic (DRG), Also known as Topographic Images.

DATA STEWARD: Natural Resources Conservation Service

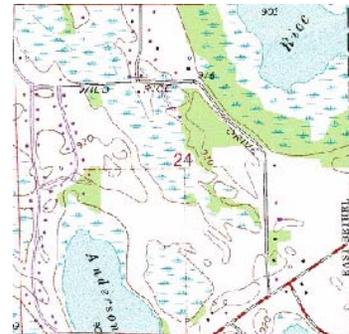
USDA GEODATA NAME:

drg_mn### (county)

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME:

DESCRIPTION: The Digital Raster Graphic (DRG) is a scanned image of a US Geological Survey (USGS) standard series topographic map that includes all collar information (e.g., legend, scale bar, index map, etc.) The DRGE is a non-proprietary product of a USGS DRG in which the map collar information has been removed. DRG mosaics are generated using software such as LizardTech MrSID software.



EXTENT: County Wide

SCALE: 1:24000

SOURCE: These data are prepared for use by the Natural Resources Conservation Service for USDA Service Center personnel to administer agency programs. U.S. Department of Agriculture, Natural Resources Conservation Service, National Cartography and Geospatial Center

DATA ENHANCMENTS: Enhanced DRGs for the county are merged then Lizard Tech ECW compression is performed to produce the county mosaic. The Enhanced DRGs mosaicked and compressed by using LizardTech MrSID software at a roughly 1:20 ratio.

USAGE TIPS: The DRGE is useful as a source or background layer in a GIS, as a means to perform quality assurance on other digital products, and as a source for the collection and revision of DLG data. The DRGE can also be merged with other digital data, e.g. DEM's or DOQ's, to produce a hybrid digital file.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized extensively by all Service Center Agencies. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: THIS INFORMATION IS PROVIDED DIRECTLY FROM THE STATE OFFICE ONLY!

F:\geodata\topographic_images\
topo_24k\county\

USDA GEODATA NAME:

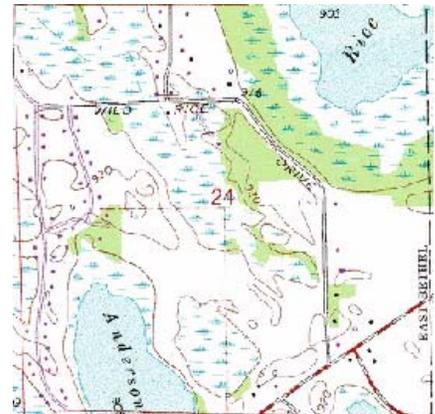
The DSN is designed to geographically locate DRG's of quadrangles using the 7.5-minute grid. using the 24k scale

o46093bl.tif (example) BASED ON MAP INDEXES

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME:

DESCRIPTION: The Digital Raster Graphic (DRG) is a scanned image of a US Geological Survey (USGS) standard series topographic map that includes all collar information (e.g., legend, scale bar, index map, etc.) The DRGE is a non-proprietary product of a USGS DRG in which the map collar information has been removed. DRG mosaics are generated using software such as LizardTech MrSID software.



EXTENT: County Wide

SCALE: 7.5x7.5 1:24,000

SOURCE: These data are prepared for use by the Natural Resources Conservation Service for USDA Service Center personnel to administer agency programs. U.S. Department of Agriculture, Natural Resources Conservation Service, National Cartography and Geospatial Center

DATA ENHANCMENTS: Enhanced DRGs for the county are merged then Lizard Tech ECW compression is performed to produce the county mosaic. The Enhanced DRGs mosaicked and compressed by using LizardTech MrSID software at a roughly 1:20 ratio.

USAGE TIPS: The DRGE is useful as a source or background layer in a GIS, as a means to perform quality assurance on other digital products, and as a source for the collection and revision of DLG data. The DRGE can also be merged with other digital data, e.g. DEM's or DOQ's, to produce a hybrid digital file.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized extensively by all Service Center Agencies. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: <http://lighthouse.nrcs.usda.gov/gateway>

F:\geodata\topographic_images\topo_100k

USDA GEODATA NAME:

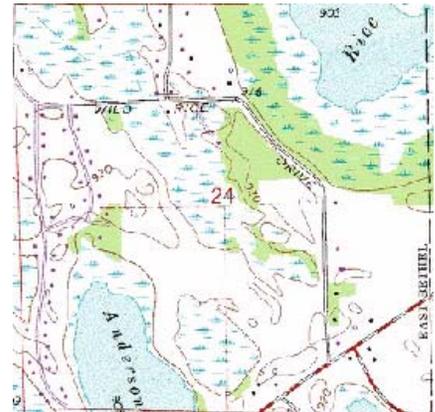
The DSN is designed to geographically locate DRG's of quadrangles using the 7.5-minute grid using the 100k scale

f46093a1.tif (example)

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME:

DESCRIPTION: The Digital Raster Graphic (DRG) is a scanned image of a US Geological Survey (USGS) standard series topographic map that includes all collar information (e.g., legend, scale bar, index map, etc.) The DRGE is a non-proprietary product of a USGS DRG in which the map collar information has been removed. DRG mosaics are generated using software such as LizardTech MrSID software.



EXTENT: County Wide

SCALE: 30x60 1:100,000

SOURCE: These data are prepared for use by the Natural Resources Conservation Service for USDA Service Center personnel to administer agency programs. U.S. Department of Agriculture, Natural Resources Conservation Service, National Cartography and Geospatial Center

DATA ENHANCEMENTS: Enhanced DRGs for the county are merged then Lizard Tech ECW compression is performed to produce the county mosaic. The Enhanced DRGs mosaicked and compressed by using LizardTech MrSID software at a roughly 1:20 ratio.

USAGE TIPS: The DRGE is useful as a source or background layer in a GIS, as a means to perform quality assurance on other digital products, and as a source for the collection and revision of DLG data. The DRGE can also be merged with other digital data, e.g. DEM's or DOQ's, to produce a hybrid digital file.

RELATED TABLES: None

USDA PROGRAM OR SECTION: None

WEB ADDRESS: <http://lighthouse.nrcs.usda.gov/gateway>

F:\geodata\topographic_images\topo_250k

USDA GEODATA NAME:

The DSN is designed to geographically locate DRG's of quadrangles using the 7.5-minute grid using the 250k scale

c47092a1.tif (example)

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME:

DESCRIPTION: The Digital Raster Graphic (DRG) is a scanned image of a US Geological Survey (USGS) standard series topographic map that includes all collar information (e.g., legend, scale bar, index map, etc.) The DRGE is a non-proprietary product of a USGS DRG in which the map collar information has been removed. DRG mosaics are generated using software such as LizardTech MrSID software.



EXTENT: County Wide

SCALE: 1x2 1:250,000

SOURCE: These data are prepared for use by the Natural Resources Conservation Service for USDA Service Center personnel to administer agency programs. U.S. Department of Agriculture, Natural Resources Conservation Service, National Cartography and Geospatial Center

DATA ENHANCEMENTS: Enhanced DRGs for the county are merged then Lizard Tech ECW compression is performed to produce the county mosaic. The Enhanced DRGs mosaicked and compressed by using LizardTech MrSID software at a roughly 1:20 ratio.

USAGE TIPS: The DRGE is useful as a source or background layer in a GIS, as a means to perform quality assurance on other digital products, and as a source for the collection and revision of DLG data. The DRGE can also be merged with other digital data, e.g. DEM's or DOQ's, to produce a hybrid digital file.

RELATED TABLES: None

USDA PROGRAM OR SECTION: None

WEB ADDRESS: <http://lighthouse.nrcs.usda.gov/gateway>

F:\geodata\transportation

This folder contains information regarding TRANSPORTATION.

DATA STEWARD: Natural Resources Conservation Service

USDA GEODATA NAME:

dnr_stateforest_roads_1_mn / dnr_stateforest_roads_1_mn###

ACCESS CONSTRAINTS: <http://deli.dnr.state.mn.us/about.html>

ORIGINAL SOURCE NAME: stfrdl4

DESCRIPTION: ArcView shape file of roads administered by the Commissioner of Natural Resources to provide access to lands administered by the Division of Forestry. Provide location and attribute information to facilitate inventory of the State Forest Road system.

EXTENT: Statewide

SCALE: PDOP less than 8, resulting in +/- 20 feet. PDOP = 50, digitized from DOQs +/- 60 feet. PDOP = 99, digitized from DOQs +/- 120 feet.

SOURCE: Originator: Minnesota DNR - Division of Forestry. Use of the data are constrained only by the DNR GIS Data License Agreement. The producer also requests that the data not be updated with permission or redistributed

DATA ENHANCMENTS: None

USAGE TIPS: This data set is not designed for use as a primary regulatory tool in permitting or citing decisions, but may be used as a reference source. This is public information and may be interpreted by organizations, agencies, units of government, or others based on needs; however, they are responsible for the appropriate application. Federal, State, or local regulatory bodies are not to reassign to the Service Center Agencies any authority for the decisions that they make. The Service Center Agencies will not perform any evaluations of these data for purposes related solely to State or local regulatory programs. Photographic or digital enlargement of these data to scales greater than at which they were originally mapped can cause misinterpretation of the data. Digital data files are periodically updated, and users are responsible for obtaining the latest version of the data.

RELATED TABLES: Companion layers include: State Forest Bridges, Not State Forest Bridges, Campground, Culvert, DayUse, Gate, GravelDeposit, GravelPit, GravelStockpile, Heritage, Intersection, MiscPoint, NotStateForestRoad, Parking, ProtWater, PublicAccess(water), Sign, Trail, TrailShelter, Visable Management Activity, WaterControlStructure

USDA PROGRAM OR SECTION: This layer is utilized by FSA for Map Production. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: <http://deli.dnr.state.mn.us/>

USDA GEODATA NAME:

dot_aadt_l_mn

ACCESS CONSTRAINTS:

ORIGINAL SOURCE NAME:

DESCRIPTION:

EXTENT: Statewide

SCALE:

SOURCE:

DATA ENHANCEMENTS: None

USAGE TIPS:

RELATED TABLES:

USDA PROGRAM OR SECTION: This layer is utilized by FSA for Map Production. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS:

USDA GEODATA NAME:

dot_highways_1_mn

ACCESS CONSTRAINTS:

ORIGINAL SOURCE NAME:

DESCRIPTION:

EXTENT: Statewide

SCALE:

SOURCE:

DATA ENHANCEMENTS: None

USAGE TIPS:

RELATED TABLES:

USDA PROGRAM OR SECTION: This layer is utilized by FSA for Map Production. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS:

USDA GEODATA NAME:

dot_milemark_p_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: Mn\DOT

DESCRIPTION: TBA

EXTENT: Statewide

SCALE: TBA

SOURCE: Minnesota Department of Transportation (Mn\DOT)

DATA ENHANCMENTS: TBA

USAGE TIPS: TBA

RELATED TABLES: TBA

USDA PROGRAM OR SECTION: TBA

WEB ADDRESS: TBA

USDA GEODATA NAME:**dot_railroads_l_mn / dot_railroads_l_mn###**

ACCESS CONSTRAINTS: None**ORIGINAL SOURCE NAME:** Mn\DOT BaseMap 2001 - Railroad

DESCRIPTION: Railroad, which represents railroad lines within the state, is a layer of the State of Minnesota BaseMap 2001 which consists of a number of individual data layers or themes digitized from USGS 7.5-minute quadrangles. The BaseMap was developed to fill a need at Mn\DOT for a continuous, statewide GIS base map of the transportation system. The original digitization was done during the 1990-1995 time period. For any given area, Mn\DOT used the most recent USGS 7.5-minute quadrangle available at that time. For BaseMap 2001, the following data layer was updated as recently as January 2001 using the most up-to-date available information:

EXTENT: Statewide**SCALE:** Data Source: 1:24,000-scale USGS 7.5-minute quadrangles**SOURCE:** Originator: Minnesota Department of Transportation (Mn\DOT)**DATA ENHANCEMENTS:** Annually

USAGE TIPS: This data set is not designed for use as a primary regulatory tool in permitting or citing decisions, but may be used as a reference source. This is public information and may be interpreted by organizations, agencies, units of government, or others based on needs; however, they are responsible for the appropriate application. Federal, State, or local regulatory bodies are not to reassign to the Service Center Agencies any authority for the decisions that they make. The Service Center Agencies will not perform any evaluations of these data for purposes related solely to State or local regulatory programs. Photographic or digital enlargement of these data to scales greater than at which they were originally mapped can cause misinterpretation of the data. Digital data files are periodically updated, and users are responsible for obtaining the latest version of the data.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized by FSA for Map Production. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: <http://www.dot.state.mn.us/tda/basemap/index.html>

USDA GEODATA NAME:**dot_roads_1_mn / dot_roads_1_mn###**

ACCESS CONSTRAINTS: None**ORIGINAL SOURCE NAME:** Mn\DOT BaseMap 2001 - Roads

DESCRIPTION: Roads, which represents road centerlines within the state, is a layer of the State of Minnesota BaseMap 2001 which consists of a number of individual data layers or themes digitized from USGS 7.5-minute quadrangles. The BaseMap was developed to fill a need at Mn\DOT for a continuous, statewide GIS base map of the transportation system. The original digitization was done during the 1990-1995 time period. For any given area, Mn\DOT used the most recent USGS 7.5-minute quadrangle available at that time. For BaseMap 2001, the following data layer was updated as recently as January 2001 using the most up-to-date available information:

EXTENT: Statewide**SCALE:** Data Source: 1:24,000-scale USGS 7.5-minute quadrangles**SOURCE:** Originator: Minnesota Department of Transportation (Mn\DOT)**DATA ENHANCEMENTS:** Annually

USAGE TIPS: This data set is not designed for use as a primary regulatory tool in permitting or citing decisions, but may be used as a reference source. This is public information and may be interpreted by organizations, agencies, units of government, or others based on needs; however, they are responsible for the appropriate application. Federal, State, or local regulatory bodies are not to reassign to the Service Center Agencies any authority for the decisions that they make. The Service Center Agencies will not perform any evaluations of these data for purposes related solely to State or local regulatory programs. Photographic or digital enlargement of these data to scales greater than at which they were originally mapped can cause misinterpretation of the data. Digital data files are periodically updated, and users are responsible for obtaining the latest version of the data.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized by FSA for Map Production. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: <http://www.dot.state.mn.us/tda/basemap/index.html>

USDA GEODATA NAME:**dot_runways_1_mn / dot_runways_1_mn###**

ACCESS CONSTRAINTS: None**ORIGINAL SOURCE NAME:** Mn\DOT BaseMap 2001 - Runways

DESCRIPTION: Runway, which represents airport runways within the state, is a layer of the State of Minnesota BaseMap 2001 which consists of a number of individual data layers or themes digitized from USGS 7.5-minute quadrangles. The BaseMap was developed to fill a need at Mn\DOT for a continuous, statewide GIS base map of the transportation system. The original digitization was done during the 1990-1995 time period. For any given area, Mn\DOT used the most recent USGS 7.5-minute quadrangle available at that time. For BaseMap 2001, the following data layer was updated as recently as January 2001 using the most up-to-date available information:

EXTENT: Statewide**SCALE:** Data Source: 1:24,000-scale USGS 7.5-minute quadrangles**SOURCE:** Originator: Minnesota Department of Transportation (Mn\DOT)**DATA ENHANCEMENTS:** Annually

USAGE TIPS: This data set is not designed for use as a primary regulatory tool in permitting or citing decisions, but may be used as a reference source. This is public information and may be interpreted by organizations, agencies, units of government, or others based on needs; however, they are responsible for the appropriate application. Federal, State, or local regulatory bodies are not to reassign to the Service Center Agencies any authority for the decisions that they make. The Service Center Agencies will not perform any evaluations of these data for purposes related solely to State or local regulatory programs. Photographic or digital enlargement of these data to scales greater than at which they were originally mapped can cause misinterpretation of the data. Digital data files are periodically updated, and users are responsible for obtaining the latest version of the data.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized by FSA for Map Production. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: <http://www.dot.state.mn.us/tda/basemap/index.html>

F:\geodata\transportation\cnty_hwy_tiffs

This folder contains the scanned highway tiffs for each county.

DATA STEWARD: Natural Resources Conservation Service

USDA GEODATA NAME:

xxxx_rds.tif

ACCESS CONSTRAINTS: None

USDA GEODATA NAME: xxxx_rds.tif

ORIGINAL SOURCE NAME: countyname_rds.tif

DESCRIPTION: Scanned highway tiff information for all counties in Minnesota

EXTENT: Statewide

SCALE: 1:24000

SOURCE: Minnesota Department of Transportation

DATA ENHANCEMENTS: None

USAGE TIPS: These image files are excellent background images for quick map creation.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized by FSA for Map Production. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: None

F:\geodata\transportation\TeleAtlas

USDA GEODATA NAME:

road_tagc_1_mn (statewide) \ road_tagc_1_mnXXX(county)

ACCESS CONSTRAINTS: None

USDA GEODATA NAME: road_tagc_1_mn (statewide) road_tagc_1_mn XXX(county)

ORIGINAL SOURCE NAME: road_tagc_1_mn and road_tagc_mnXXX (county)

DESCRIPTION: TeleAtlas GeoCode Road Network: Vector dataset provides a network of primary and secondary roads and highways, including local neighborhood streets with geocoding attributes.

EXTENT: Statewide

SCALE: 100,000 or better

SOURCE: Originator: Tele Atlas North American, Inc., 1605 Adams Drive, Menlo Park, CA 94025, 650-328-3825 Publication_Date: 2003

The U.S. Department of Agriculture, Service Center Agencies should be acknowledged as the data source in products derived from these data.

DATA ENHANCMENTS: None

USAGE TIPS: This data set is not designed for use as a primary regulatory tool in permitting or citing decisions, but may be used as a reference source. This is public information and may be interpreted by organizations, agencies, units of government, or others based on needs; however, they are responsible for the appropriate application. Federal, State, or local regulatory bodies are not to reassign to the Service Center Agencies any authority for the decisions that they make. The Service Center Agencies will not perform any evaluations of these data for purposes related solely to State or local regulatory programs. Photographic or digital enlargement of these data to scales greater than at which they were originally mapped can cause misinterpretation of the data. Digital data files are periodically updated, and users are responsible for obtaining the latest version of the data.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized by FSA for Map Production. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: <http://datagateway.nrcs.usda.gov/>

USDA GEODATA NAME:

railroad_tarr_l_mn (statewide) \ railroad_tarr_l_mn### (county)

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: railroad_tarr_l_mn (statewide) \ railroad_tarr_l_mnXXX(county)

DESCRIPTION: TeleAtlas Railroads: Vector dataset provides a network of railroads, including main lines, spurs, and yards.

EXTENT: Statewide

SCALE: 100,000 or better

SOURCE: Originator: Tele Atlas North American, Inc., 1605 Adams Drive, Menlo Park, CA 94025, 650-328-3825 Publication_Date: 2003

The U.S. Department of Agriculture, Service Center Agencies should be acknowledged as the data source in products derived from these data.

DATA ENHANCEMENTS: None

USAGE TIPS: This data set is not designed for use as a primary regulatory tool in permitting or citing decisions, but may be used as a reference source. This is public information and may be interpreted by organizations, agencies, units of government, or others based on needs; however, they are responsible for the appropriate application. Federal, State, or local regulatory bodies are not to reassign to the Service Center Agencies any authority for the decisions that they make. The Service Center Agencies will not perform any evaluations of these data for purposes related solely to State or local regulatory programs. Photographic or digital enlargement of these data to scales greater than at which they were originally mapped can cause misinterpretation of the data. Digital data files are periodically updated, and users are responsible for obtaining the latest version of the data.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized by FSA for Map Production. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: <http://\datagateway.nrcs.usda.gov>

USDA GEODATA NAME:

road_tanw_l_mn (statewide) \ railroad_tanw_l_mn### (county)

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: road_tanw_l_mn (statewide) \ road_tanw_l_mnXXX(county)

DESCRIPTION: TeleAtlas Road Network: Vector dataset provides a network of primary and secondary roads and highways, including local neighborhood streets.

EXTENT: Statewide

SCALE: 100,000 or better

SOURCE: Originator: Tele Atlas North American, Inc., 1605 Adams Drive, Menlo Park, CA 94025, 650-328-3825 Publication_Date: 2003

The U.S. Department of Agriculture, Service Center Agencies should be acknowledged as the data source in products derived from these data.

DATA ENHANCEMENTS: None

USAGE TIPS: This data set is not designed for use as a primary regulatory tool in permitting or citing decisions, but may be used as a reference source. This is public information and may be interpreted by organizations, agencies, units of government, or others based on needs; however, they are responsible for the appropriate application. Federal, State, or local regulatory bodies are not to reassign to the Service Center Agencies any authority for the decisions that they make. The Service Center Agencies will not perform any evaluations of these data for purposes related solely to State or local regulatory programs. Photographic or digital enlargement of these data to scales greater than at which they were originally mapped can cause misinterpretation of the data. Digital data files are periodically updated, and users are responsible for obtaining the latest version of the data.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized by FSA for Map Production. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: <http://datagateway.nrcs.usda.gov>

USDA GEODATA NAME:

roads100k_1_mn (statewide) \ roads100k_1_mn### (county)

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: roads100k_1_mn (statewide) \ roads100k_1_mnXXX(county)

DESCRIPTION: Processed TIGER 2002 Roads: Vector dataset provides a network of primary and secondary roads and highways, including local neighborhood streets.

EXTENT: Statewide

SCALE: 100,000

SOURCE: Originator: Tele Atlas North American, Inc., 1605 Adams Drive, Menlo Park, CA 94025, 650-328-3825 Publication_Date: 2003

The U.S. Department of Agriculture, Service Center Agencies should be acknowledged as the data source in products derived from these data.

DATA ENHANCMENTS: None

USAGE TIPS: This data set is not designed for use as a primary regulatory tool in permitting or citing decisions, but may be used as a reference source. This is public information and may be interpreted by organizations, agencies, units of government, or others based on needs; however, they are responsible for the appropriate application. Federal, State, or local regulatory bodies are not to reassign to the Service Center Agencies any authority for the decisions that they make. The Service Center Agencies will not perform any evaluations of these data for purposes related solely to State or local regulatory programs. Photographic or digital enlargement of these data to scales greater than at which they were originally mapped can cause misinterpretation of the data. Digital data files are periodically updated, and users are responsible for obtaining the latest version of the data.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized by FSA for Map Production. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: <http://datagateway.nrcs.usda.gov>

USDA GEODATA NAME:

railroads100k_1_mn (statewide) \ railroads100k_1_mn### (county)

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: railroads100k_1_mn (statewide) \ railroads100k_1_mnXXX(county)

DESCRIPTION: Processed TIGER 2002Railroads: Vector dataset provides a network of railroads, including main lines, spurs, and yards.

EXTENT: Statewide

SCALE: 100,000

SOURCE: Originator: Tele Atlas North American, Inc., 1605 Adams Drive, Menlo Park, CA 94025, 650-328-3825 Publication_Date: 2003

The U.S. Department of Agriculture, Service Center Agencies should be acknowledged as the data source in products derived from these data.

DATA ENHANCMENTS: None

USAGE TIPS: This data set is not designed for use as a primary regulatory tool in permitting or citing decisions, but may be used as a reference source. This is public information and may be interpreted by organizations, agencies, units of government, or others based on needs; however, they are responsible for the appropriate application. Federal, State, or local regulatory bodies are not to reassign to the Service Center Agencies any authority for the decisions that they make. The Service Center Agencies will not perform any evaluations of these data for purposes related solely to State or local regulatory programs. Photographic or digital enlargement of these data to scales greater than at which they were originally mapped can cause misinterpretation of the data. Digital data files are periodically updated, and users are responsible for obtaining the latest version of the data.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized by FSA for Map Production. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: <http://\datagateway.nrcs.usda.gov>

F:\geodata\wetlands

This folder contains information regarding WETLANDS.

DATA STEWARD: Natural Resources Conservation Service

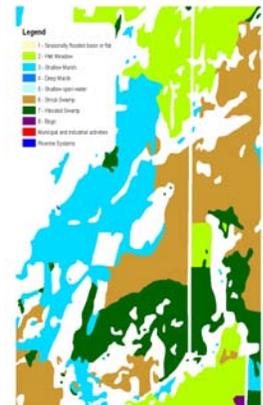
USDA GEODATA NAME:

nwi_a_mn (statewide) \ nwi_a_mn### (county),
nwi_l_mn (statewide) \ nwi_l_mn### (county),
nwi_p_mn (statewide) \ nwi_p_mn### (county)

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: wetl_nwipy3, wetl_nwipt3, wetl_nwiln3

DESCRIPTION: Wetland area features mapped as part of the National Wetlands Inventory (NWI). The National Wetlands Inventory is a national program sponsored by the US Fish and Wildlife Service (USFWS). The NWI database was funded jointly between the USFWS and the State. The base data was developed through interpretation of National Aerial Photography Program (NAPP) imagery (approx. 1:50,000 scale, typically color-infrared) in conjunction with limited field verification studies. Ancillary data sources, particularly USGS Quadrangle Maps and soil surveys, were also used in the interpretation process. After interpreting the aerial photographs, delineations were transferred to a 1:24,000 scale orthogonal base, digitized, and coded in conformance to the USFWS classification scheme and structured into a DLG format. The original interpretation\automation effort was performed under contract by GEONIX-MARTEL of St. Petersburg, FL. The data were delivered to LMIC, who converted it into an ARC\INFO format, and performed some additional processing to prepare it for distribution.



EXTENT: Statewide

SCALE: 1:24000

SOURCE: USFWS\Minnesota DNR - Division of Waters

DATA ENHANCMENTS: Type

USAGE TIPS: Federal, State, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, State, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, State, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities. NWI information is not intended to be used as a precise locator of wetland boundaries, for site specific planning or management, or for regulatory purposes.

RELATED TABLES: None

USDA PROGRAM OR SECTION: This layer is utilized extensively by all Service Center Agencies. THIS LAYER WILL NOT BE MODIFIED UNLESS ALL THREE STATE GEODATA ADMINISTRATORS CONCUR ON THE MODIFICATIONS.

WEB ADDRESS: THIS INFORMATION IS PROVIDED DIRECTLY FROM THE STATE OFFICE ONLY!

F:\geodata\wildlife

Information contained in this folder relates to the management of wildlife habitat areas throughout Minnesota. This information has been collected from the USFW and the Minnesota DNR.

DATA STEWARD: Natural Resource Conservation Service

USDA GEODATA NAME:

linear_corridors_ph2_a_mn

ACCESS CONSTRAINTS: None.

ORIGINAL SOURCE NAME: Type

DESCRIPTION: None Provided

EXTENT: Statwide

SCALE: 1:24000

SOURCE: Minnesota Department of Natural Resources

DATA ENHANCMENTS: None

USAGE TIPS: Type

RELATED TABLES: None

USDA PROGRAM OR SECTION: NRCS

WEB ADDRESS: http://deli.dnr.state.mn.us/data_catalog.html



USDA GEODATA NAME:

priority_cons_area_a_mn

ACCESS CONSTRAINTS: None.

ORIGINAL SOURCE NAME:

DESCRIPTION: None Provided

EXTENT: Statwide

SCALE: 1:24000

SOURCE: Minnesota Department of Natural Resources

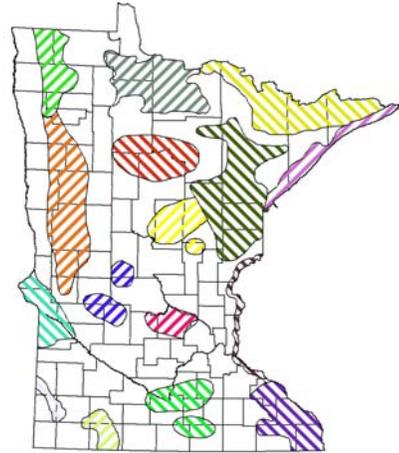
DATA ENHANCMENTS: None

USAGE TIPS: Type

RELATED TABLES: None

USDA PROGRAM OR SECTION: NRCS

WEB ADDRESS: http://deli.dnr.state.mn.us/data_catalog.html



USDA GEODATA NAME:

project_area_bnds_ph2_a_mn

ACCESS CONSTRAINTS: None.

ORIGINAL SOURCE NAME: Type

DESCRIPTION: None Provided

EXTENT: Statwide

SCALE: 1:24000

SOURCE: Minnesota Department of Natural

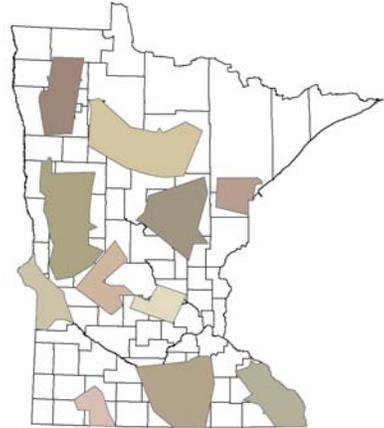
DATA ENHANCMENTS: None

USAGE TIPS: Type

RELATED TABLES: None

USDA PROGRAM OR SECTION: NRCS

WEB ADDRESS: http://deli.dnr.state.mn.us/data_catalog.html



Resources

USDA GEODATA NAME:

spatial_corridors_ph2_a_mn

ACCESS CONSTRAINTS: None.

ORIGINAL SOURCE NAME: Type

DESCRIPTION: None Provided

EXTENT: Statwide

SCALE: 1:24000

SOURCE: Minnesota Department of

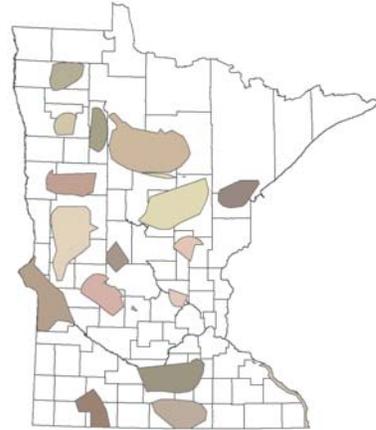
DATA ENHANCMENTS: None

USAGE TIPS: Type

RELATED TABLES: None

USDA PROGRAM OR SECTION:

WEB ADDRESS: http://deli.dnr.state.mn.us/data_catalog.html



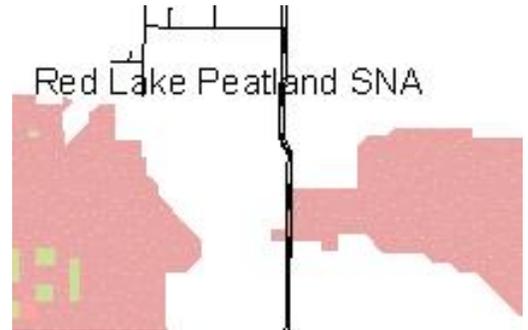
Natural Resources

NRCS

USDA GEODATA NAME:**sna_a_mn**

ACCESS CONSTRAINTS: None**ORIGINAL SOURCE NAME:** bdry_snapy3

DESCRIPTION: A polygon database delineated on and digitized from 1:24,000 U.S.G.S. quad maps of Minnesota Scientific and Natural Areas (SNAs). Scientific and natural areas are established to protect and perpetuate in an undisturbed natural state those lands and waters embracing natural features of exceptional scientific and educational value. The SNA Program's goal is to ensure that no single rare feature is lost from any region of the state. This requires protection and management of each feature in sufficient quantity and distribution across the landscape.

**EXTENT:** Statewide**SCALE:** 1:24000**SOURCE:** Minnesota Department of Natural Resources**DATA ENHANCMENTS:** None

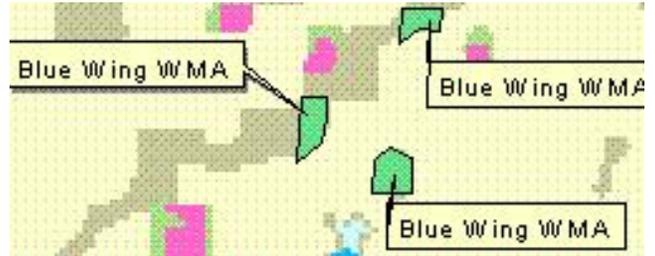
USAGE TIPS: The coverage should be reasonably accurate although the boundaries probably will not line up with other public land survey information.

RELATED TABLES: None**TOOL IMPACTS:** None**USDA PROGRAM OR SECTION:****WEB ADDRESS:** http://deli.dnr.state.mn.us/data_catalog.html

USDA GEODATA NAME:**wma_a_mn / wma_a_mn###**

ACCESS CONSTRAINTS: None.**ORIGINAL SOURCE NAME:** bdry_adwmapy3

DESCRIPTION: This polygon theme contains boundaries for approximately 1330 Wildlife Management Areas (WMAs) across the state covering nearly 1,220,000 acres. WMAs are part of the Minnesota state recreation system created to protect wildlife habitat and provide wildlife-based recreation

**EXTENT:** Statwide**SCALE:** 1:24000**SOURCE:** Minnesota Department of Natural Resources**DATA ENHANCEMENTS:** None

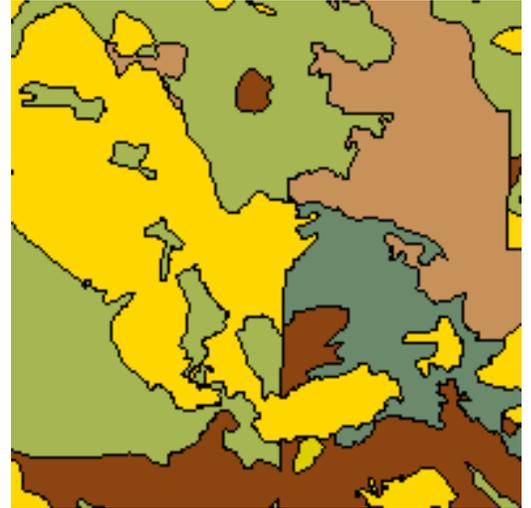
USAGE TIPS: The boundary layer should be accurate enough to provide information for management and planning activities as well as for general reference on maps. A survey quality boundary layer may be developed in the future that could be used for legal issues. WMAs have restrictions on types of public use, therefore creating maps of WMAs as general recreation or hunting areas has some peril. Some portions of WMAs are wildlife sanctuaries, some WMAs are only open to public use during certain times of the year, some require landowner permission for access and some WMAs are legally closed to the public.

RELATED TABLES: None**USDA PROGRAM OR SECTION:** Compliance, Farm Loan, Conservation**WEB ADDRESS:** http://deli.dnr.state.mn.us/data_catalog.html

USDA GEODATA NAME:**wma_covertime_a_mn**

ACCESS CONSTRAINTS: None**ORIGINAL SOURCE NAME:** wmacovertime.shp

DESCRIPTION: This polygon theme contains cover type boundaries for approximately 1330 Wildlife Management Areas (WMAs) across the state covering nearly 1,220,000 acres. WMAs are part of the Minnesota state recreation system created to protect wildlife habitat and provide wildlife-based recreation. Cover type polygons are based on a hierarchical classification system modified from the Minnesota Land Cover Classification System (MLCCS). (The following text is taken from the: Minnesota Land Cover Classification System User Manual, July 2003, MN DNR, Central Region.) MLCCS integrates classification of cultural features, non-native vegetation, natural and semi-natural vegetation into a comprehensive land cover classification system.

**EXTENT:** Statewide**SCALE:** 1:24000**SOURCE:** Minnesota Department of Natural Resources, Section of Wildlife**DATA ENHANCEMENTS:** None

USAGE TIPS: The cover type layer should be accurate enough to provide information for management and planning activities as well as for general reference on maps. The classification system used in this inventory is intended to accurately describe the habitat type at the time of the inventory as well as its future condition given that practices are used to set back cover types to retain their successional stage. There may be plans to alter habitat types to improve habitat for desired wildlife species. Future WMA cover types will be included in a separate data layer.

WMAs have restrictions on types of public use, therefore creating maps of WMAs as general recreation or hunting areas has some peril. Some portions of WMAs are wildlife sanctuaries, some WMAs are only open to public use during certain times of the year, some require landowner permission for access and some WMAs are legally closed to the public.

The WMA cover types found in QuickThemes have been error checked for accuracy by area staff. If cover type boundaries are not complete and error checked, they will not be in QuickThemes.

RELATED TABLES: None**USDA PROGRAM OR SECTION:** None**WEB ADDRESS:** http://deli.dnr.state.mn.us/data_catalog.html

USDA GEODATA NAME:

wpa_a_mn

ACCESS CONSTRAINTS: None

ORIGINAL SOURCE NAME: wpabdpy3.shp

DESCRIPTION: This theme was provided by the USFWS in 1998. It was produced by digitizing from the USGS 1:24,000 scale mapping series. Completeness is stated to be about 90%, placement accuracy is unknown

EXTENT: Statewide

SCALE: 1:24000

SOURCE: US Fish and Wildlife Services

DATA ENHANCMENTS: None

USAGE TIPS: Initial investigations have shown that this dataset is good for locating where areas are but not exact boundary locations.

RELATED TABLES: None

USDA PROGRAM OR SECTION: None

WEB ADDRESS: http://deli.dnr.state.mn.us/data_catalog.html

F:geodata\zoning

These maps are provided as a reference and are not the Official Zoning Map of the city or county. You should not rely on them for accuracy. Should you desire such information in an accurate and up to date form you should inquire at the Planning Department in which the information is required for the most up to date information.

DATA STEWARD: [Natural Resource Conservation Services](#)

ACCESS CONSTRAINTS: None

USDA GEODATA NAME: None

ORIGINAL SOURCE NAME: None

DESCRIPTION: None

EXTENT: None

SCALE: None

SOURCE: None

DATA ENHANCMENTS: None

USAGE TIPS: None

RELATED TABLES: None

USDA PROGRAM OR SECTION: None

WEB ADDRESS: None