

Wisconsin DNR 2003 Geographic Management Units

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Identification_Information:

Citation:

Citation_Information:

Originator: Wisconsin Dept. of Natural Resources

Publication_Date: 2003

Title: Wisconsin DNR 2003 Geographic Management Units

Geospatial_Data_Presentation_Form: vector digital data

Publication_Information:

Publication_Place: Madison, WI

Publisher: Wisconsin Dept. of Natural Resources (DNR)

Online_Linkage: <<http://www.dnr.state.wi.us/maps/gis/geolibrary.html>>

Larger_Work_Citation:

Citation_Information:

Publication_Information:

Description:

Abstract:

This data set is a polygon shapefile representing Wisconsin DNR Geographic Management Units (GMUs). GMU boundaries are subject to review and periodic revision by DNR management.

Purpose:

Geographic Management Units (GMUs) are administrative units established by the Wisconsin DNR primarily for internal management purposes.

Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 1996

Ending_Date: April 2004

Currentness_Reference: Date of data entry or update

Status:

Progress: Complete

Maintenance_and_Update_Frequency: As needed

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -92.964215

East_Bounding_Coordinate: -86.708830

North_Bounding_Coordinate: 47.083094

South_Bounding_Coordinate: 42.457983

Keywords:

Theme:

Theme_Keyword_Thesaurus: None

Theme_Keyword: GMUs

Theme_Keyword: geographic

Theme_Keyword: management

Theme_Keyword: units

Theme_Keyword: boundaries

Theme_Keyword: watersheds

Theme_Keyword: basins

Theme_Keyword: environment

Place:

Place_Keyword_Thesaurus: None

Place_Keyword: Wisconsin

Access_Constraints: None

Use_Constraints: None

Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization:

Wisconsin Department of Natural Resources, Bureau of Watershed
Management

Contact_Position: Surface Water Engineer/Modeler

Contact_Address:

Address_Type: mailing address

Address: P.O. Box 7921

City: Madison

State_or_Province: WI

Postal_Code: 53707-7921

Country: USA

Contact_Voice_Telephone: (608) 266-5606

Contact_Facsimile_Telephone: (608) 267-7664

Contact_Electronic_Mail_Address: Jeff.Kreider@dnr.state.wi.us

Hours_of_Service: Normal business hours, or as available

Native_Data_Set_Environment:

Microsoft Windows 2000 Version 5.1 (Build 2600) Service Pack 1; ESRI ArcCatalog 8.3.0.800

Data_Quality_Information:

Logical_Consistency_Report:

The source ArcInfo coverages had polygon topology with no dangling arcs. No errors were reported upon conversion to shapefiles.

Completeness_Report:

All 72 counties of Wisconsin are represented. Islands in Lake Michigan and Lake Superior belonging to Wisconsin counties are also represented.

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator: USGS

Publication_Date: Varies

Title: 7.5-minute (1:24,000-scale) Topographic Map Series

Geospatial_Data_Presentation_Form: Map

Publication_Information:

Publication_Place: Reston, VA

Publisher: USGS

Source_Scale_Denominator: 24000

Type_of_Source_Media: paper

Source_Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: Varies

Source_Currentness_Reference: Map publication dates

Source_Citation_Abbreviation: USGS 24K topo maps

Source_Contribution: Line geometry

Process_Step:

Process_Description:

The DNR GMU geographic data layer was originally created in 1996 by the GIS Services Section and Enterprise Data Management Section with

funding provided by the Bureau of Facilities and Lands (at that time the Bureau of Property Management). GMU boundaries coinciding with DNR watershed boundaries were extracted from the 1:24,000-scale Watershed boundaries data layer; GMU boundaries coinciding with county boundaries were extracted from the 1:100,000-scale Counties data layer. GMUs were identified in the coverage polygon attribute table (.PAT) by an arbitrarily-assigned GMU number ("GMU_NO").

Changes in the delineation of DNR GMU boundaries can be authorized only by the DNR Department Leadership Team (DLT). DNR policy is that the DLT is responsible for all decisions involving GMU boundaries. Because of the alignment of many GMU boundaries with DNR Watershed Boundaries, updates in DNR Watershed Boundaries carried out periodically by the Bureau of Watershed Management (WT) may result in new discrepancies between Watershed and GMU boundaries.

Process_Date: 1996 - 2002

Process_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Wisconsin DNR, Bureau of
Technology Services

Contact_Position: GIS Data Specialist

Contact_Address:

Address_Type: mailing address

Address: P.O. Box 7921

City: Madison

State_or_Province: WI

Postal_Code: 53707-7921

Country: USA

Contact_Voice_Telephone: 608.264.8916

Contact_Facsimile_Telephone: 608.266.0870

Contact_Electronic_Mail_Address: geodata@dnr.state.wi.us

Hours_of_Service: Normal business hours or as available

Process_Step:

Process_Description:

The DNR Bureau of Watershed Management (WT) assumed custodianship for the GMU layer during 2003. DNR/WT staff began updating GMU boundaries in late 2003. DNR/WT staff created a GMU region feature class ("region.gmu") in the ArcInfo coverage used to maintain the data. This GMU polygon shapefile was created from the GMU region feature class.

Process_Date: 2003 - 2004

Process_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization:

Wisconsin Department of Natural Resources, Bureau
of Watershed Management

Contact_Position: Surface Water Engineer/Modeler

Contact_Address:

Address_Type: mailing address

Address: P.O. Box 7921

City: Madison

State_or_Province: WI

Postal_Code: 53707-7921

Country: USA

Contact_Voice_Telephone: (608) 266-0856

Contact_Facsimile_Telephone: (608) 267-7664

Contact_Electronic_Mail_Address: Jeff.Kreider@dnr.state.wi.us

Hours_of_Service: Normal business hours or as available.

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: G-polygon

Point_and_Vector_Object_Count: 22

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Map_Projection:

Map_Projection_Name: Transverse Mercator

Transverse_Mercator:

Scale_Factor_at_Central_Meridian: 0.999600

Longitude_of_Central_Meridian: -90.000000

Latitude_of_Projection_Origin: 0.000000

False_Easting: 520000.000000

False_Northing: -4480000.000000

Planar_Coordinate_Information:

Planar_Coordinate_Encoding_Method: coordinate pair

Coordinate_Representation:

Abscissa_Resolution: 0.001024

Ordinate_Resolution: 0.001024

Planar_Distance_Units: meters

Geodetic_Model:

Horizontal_Datum_Name: D_North_American_1983_HARN

Ellipsoid_Name: Geodetic Reference System 80

Semi-major_Axis: 6378137.000000

Denominator_of_Flattening_Ratio: 298.257222

Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: gmurgmu_

Entity_Type_Definition: Shapefile Attribute Table

Entity_Type_Definition_Source: Wisconsin DNR

Attribute:

Attribute_Label: FID

Attribute_Definition: Internal feature number.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute_Label: Shape

Attribute_Definition: Feature geometry.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain: Coordinates defining the features.

Attribute:

Attribute_Label: AREA

Attribute:

Attribute_Label: PERIMETER

Attribute:

Attribute_Label: GMU_

Attribute:

Attribute_Label: GMU_NO

Attribute_Definition: DNR Geographic Management Unit number

Attribute_Definition_Source: DNR Bureau of Watershed Management

Attribute_Domain_Values:

Codeset_Domain:

Codeset_Name: DNR Geographic Management Unit numbers

Codeset_Source: DNR Bureau of Watershed Management

Attribute:

Attribute_Label: GMU_NM

Attribute_Definition: DNR Geographic Management Unit name

Attribute_Definition_Source: DNR Bureau of Watershed Management

Attribute_Domain_Values:

Unrepresentable_Domain: character field

Attribute:

Attribute_Label: GMU_CD

Attribute_Definition:

DNR Geographic Management Unit Code: a 2-character abbreviation of the GMU Name.

Attribute_Definition_Source: DNR Bureau of Watershed Management

Attribute_Domain_Values:

Codeset_Domain:

Codeset_Name: DNR Geographic Management Unit codes

Codeset_Source: DNR Bureau of Watershed Management

Distribution_Information:

Distributor:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Wisconsin DNR, Bureau of Technology Services

Contact_Position: GIS Data Specialist

Contact_Address:

Address_Type: mailing address

Address: P.O. Box 7921

City: Madison

State_or_Province: WI

Postal_Code: 53707-7921

Country: USA

Contact_Voice_Telephone: 608.264.8916

Contact_Facsimile_Telephone: 608.266.0870

Contact_Electronic_Mail_Address: geodata@dnr.state.wi.us

Hours_of_Service: Normal business hours or as available

Resource_Description: Downloadable data.

Distribution_Liability:

<<http://www.dnr.state.wi.us/org/legal/WebSiteLegalInformation.html>>

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Format_Name: ESRI shapefile

Transfer_Size: 3.406

Digital_Transfer_Option:

Online_Option:

Computer_Contact_Information:

Network_Address:

Network_Resource_Name:

[ftp://gomapout.dnr.state.wi.us/geodata/
managed_lands/DNR_geog_mgmt_units/
geog_mgmt_units.zip](ftp://gomapout.dnr.state.wi.us/geodata/managed_lands/DNR_geog_mgmt_units/geog_mgmt_units.zip)

Access_Instructions: Download from the DNR ftp site.

Offline_Option:

Offline_Media: CD-ROM

Recording_Format:

Compatibility_Information ISO 9660 format allows the
CDROM to be read by most computer

Ordering_Instructions:

Refer to the DNR GIS website: <[http://www.dnr.state.wi.us/maps/gis/geolibrary.
html](http://www.dnr.state.wi.us/maps/gis/geolibrary.html)>

Metadata_Reference_Information:

Metadata_Date: 20040217, 20040409

Metadata_Review_Date: 20040409

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Wisconsin DNR, Bureau of Technology Services

Contact_Position: GIS Data Specialist

Contact_Address:

Address_Type: mailing address

Address: P.O. Box 7921

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Contact_Electronic_Mail_Address: geodata@dnr.state.wi.us

Hours_of_Service: Normal business hours or as available

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: local time

Metadata_Extensions:

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

Profile_Name: ESRI Metadata Profile

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