

Original Vegetation Cover of Wisconsin

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Identification_Information:

Citation:

Citation_Information:

Originator: University of Wisconsin at Madison

Publication_Date: 1990

Publication_Time: Unknown

Title: Original Vegetation Cover of Wisconsin

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>

Online_Linkage: ftp://gomapout.dnr.state.wi.us/geodata/orig_veg_cov.zip

Online_Linkage: <http://maps.dnr.state.wi.us/webview/>

Description:

Abstract:

This is a polygon shapefile derived from a 1:500,000-scale map showing the original, pre-settlement vegetation cover in Wisconsin. The original vegetation cover data was digitized from a 1976 map created from land survey notes written in the mid-1800s when Wisconsin was first surveyed. Linework representing lakes and other hydrographic areas in other data sets were subsequently merged with the original vegetation cover data set to more closely match the source map.

Purpose:

This digital version of the original vegetation cover map can be used to identify regional changes in land cover since the time when the state was first surveyed.

This data is not intended for landscape-scale analysis.

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 1990

Currentness_Reference: publication date

Status:

Progress: Complete

Maintenance_and_Update_Frequency: None planned

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -92.963754

East_Bounding_Coordinate: -86.707114

North_Bounding_Coordinate: 47.083463

South_Bounding_Coordinate: 42.459887

Keywords:

Theme:

Theme_Keyword_Thesaurus: None

Theme_Keyword: vegetation

Theme_Keyword: land cover

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 DNR Enterprise Data Management
Section

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: John.Laedlein@dnr.state.wi.us

Hours_of_Service: Normal business hours, or as available

Native_Data_Set_Environment:

Microsoft Windows NT Version 4.0 (Build 1381) Service Pack 6; 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: Robert W. Finley

Publication_Date: 1976

Title:

Original Vegetation Cover of Wisconsin; Compiled from U. S. General Land Office Notes

Geospatial_Data_Presentation_Form: map

Source_Scale_Denominator: 500000

Type_of_Source_Media: Unknown

Process_Step:

Process_Description:

Digitizing was carried out by students at the UW-Madison under the direction of Professor Steve Ventura of the UW-Madison Institute for Environmental Studies and Earth Science.

Because the digitized data set did not identify hydrographic features, this information was added by the DNR Geographic Services Section from the 1:250,000-scale Land Use and Land Cover data layer. Portions of the Wisconsin state boundary were also added to the digitized data set using the 1:100,000-scale state boundary coverage. GEO Services projected the data from the Lambert Conformal Conic Projection to WTM and carried out limited quality control review and edits to assure topological integrity of the data.

Process_Date: 1990

Process_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Wisconsin DNR

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) 264-8914

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Contact_Electronic_Mail_Address: John.Laedlein@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: 11134

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:

Abcissa_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: ovgpoly

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: OVG95C_

Attribute:

Attribute_Label: OVG95C_I

Attribute:

Attribute_Label: VEG_TYPE

Attribute_Definition:

The two-digit code for original vegetation cover type. For each category, types of vegetation are listed in the order in which they predominate.

Attribute_Definition_Source:

"Original Vegetation Cover of Wisconsin" map by Robert W. Finley, 1976.

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: 1

Enumerated_Domain_Value_Definition:

White spruce, balsam fir, tamarack, white cedar, white birch, aspen

Enumerated_Domain_Value_Definition_Source:

"Original Vegetation Cover of Wisconsin" map by Robert W. Finley, 1976.

Enumerated_Domain:

Enumerated_Domain_Value: 2

Enumerated_Domain_Value_Definition: Beech, hemlock, sugar maple, yellow birch, white pine, red pine

Enumerated_Domain_Value_Definition_Source:

"Original Vegetation Cover of Wisconsin" map by Robert W. Finley, 1976.

Enumerated_Domain:

Enumerated_Domain_Value: 3

Enumerated_Domain_Value_Definition: Hemlock, sugar maple, yellow birch, white pine, red pine

Enumerated_Domain_Value_Definition_Source:

"Original Vegetation Cover of Wisconsin" map by Robert W. Finley, 1976.

Enumerated_Domain:

Enumerated_Domain_Value: 4

Enumerated_Domain_Value_Definition: Sugar maple, yellow birch, white pine, red pine

Enumerated_Domain_Value_Definition_Source:

"Original Vegetation Cover of Wisconsin" map by Robert W. Finley, 1976.

Enumerated_Domain:

Enumerated_Domain_Value: 5

Enumerated_Domain_Value_Definition: White pine, red pine

Enumerated_Domain_Value_Definition_Source:

"Original Vegetation Cover of Wisconsin" map by Robert W. Finley, 1976.

Enumerated_Domain:

Enumerated_Domain_Value: 6

Enumerated_Domain_Value_Definition: Jack pine, scrub (hill's), oak forest and barrens

Enumerated_Domain_Value_Definition_Source:

"Original Vegetation Cover of Wisconsin" map by Robert W. Finley, 1976.

Enumerated_Domain:

Enumerated_Domain_Value: 7

Enumerated_Domain_Value_Definition: Aspen, white birch, pine

Enumerated_Domain_Value_Definition_Source:

"Original Vegetation Cover of Wisconsin" map by Robert W. Finley, 1976.

Enumerated_Domain:

Enumerated_Domain_Value: 8

Enumerated_Domain_Value_Definition: Beech, sugar maple, basswood, red oak, white oak, black oak

Enumerated_Domain_Value_Definition_Source:

"Original Vegetation Cover of Wisconsin" map by Robert W. Finley, 1976.

Enumerated_Domain:

Enumerated_Domain_Value: 9

Enumerated_Domain_Value_Definition: Sugar maple, basswood, red oak, white oak, black oak

Enumerated_Domain_Value_Definition_Source:

"Original Vegetation Cover of Wisconsin" map by Robert W. Finley, 1976.

Enumerated_Domain:

Enumerated_Domain_Value: 10

Enumerated_Domain_Value_Definition: Oak -- white oak, black oak, bur oak

Enumerated_Domain_Value_Definition_Source:

"Original Vegetation Cover of Wisconsin" map by Robert W. Finley, 1976.

Enumerated_Domain:

Enumerated_Domain_Value: 11

Enumerated_Domain_Value_Definition: Oak openings -- bur oak, white oak, black oak

Enumerated_Domain_Value_Definition_Source:

"Original Vegetation Cover of Wisconsin" map by Robert W. Finley, 1976.

Enumerated_Domain:

Enumerated_Domain_Value: 12

Enumerated_Domain_Value_Definition: Prairie

Enumerated_Domain_Value_Definition_Source:

"Original Vegetation Cover of Wisconsin" map by Robert W. Finley, 1976.

Enumerated_Domain:

Enumerated_Domain_Value: 13

Enumerated_Domain_Value_Definition: Brush

Enumerated_Domain_Value_Definition_Source:

"Original Vegetation Cover of Wisconsin" map by Robert W. Finley, 1976.

Enumerated_Domain:

Enumerated_Domain_Value: 14

Enumerated_Domain_Value_Definition: Swamp conifers -- white cedar, black spruce, tamarack, hemlock

Enumerated_Domain_Value_Definition_Source:

"Original Vegetation Cover of Wisconsin" map by Robert W. Finley, 1976.

Enumerated_Domain:

Enumerated_Domain_Value: 15

Enumerated_Domain_Value_Definition:

Lowland hardwoods -- willow, soft maple, box elder, ash, elm, cottonwood, river birch

Enumerated_Domain_Value_Definition_Source:

"Original Vegetation Cover of Wisconsin" map by Robert W. Finley, 1976.

Enumerated_Domain:

Enumerated_Domain_Value: 16

Enumerated_Domain_Value_Definition: Marsh and sedge meadow, wet prairie, lowland shrubs

Enumerated_Domain_Value_Definition_Source:

"Original Vegetation Cover of Wisconsin" map by Robert W. Finley, 1976.

Enumerated_Domain:

Enumerated_Domain_Value: 99

Enumerated_Domain_Value_Definition:

Area with vegetation cover type not interpreted on the source map

Enumerated_Domain_Value_Definition_Source:

"Original Vegetation Cover of Wisconsin" map by Robert W. Finley, 1976.

Enumerated_Domain:

Enumerated_Domain_Value: 0

Enumerated_Domain_Value_Definition:

Hydrographic area from the USGS 1:250,000-scale Land Use and Land Cover data layer

Enumerated_Domain_Value_Definition_Source: US Geological Survey

Attribute:

Attribute_Label: LUC_LEVEL2

Attribute_Definition:

This item contains the 2-digit Level 2 Land Use and Land Cover (LULC) classification code identifying hydrographic areas extracted by the Wisconsin DNR from the LULC coverage. Inclusion of these codes in the Original Vegetation Cover data layer enables users to select water bodies from this layer by LULC class as appropriate for a particular application.

Attribute_Definition_Source: US Geological Survey

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: 51

Enumerated_Domain_Value_Definition: Streams and canals

Enumerated_Domain_Value_Definition_Source: US Geological Survey

Enumerated_Domain:

Enumerated_Domain_Value: 52

Enumerated_Domain_Value_Definition: Lakes

Enumerated_Domain_Value_Definition_Source: US Geological Survey

Enumerated_Domain:

Enumerated_Domain_Value: 53

Enumerated_Domain_Value_Definition: Reservoirs

Enumerated_Domain_Value_Definition_Source: US Geological Survey

Enumerated_Domain:

Enumerated_Domain_Value: 0

Enumerated_Domain_Value_Definition:

Not a hydrographic area extracted from the USGS 1:250,000-scale Land Use and Land Cover database

Enumerated_Domain_Value_Definition_Source: Wisconsin DNR

Distribution_Information:

Distributor:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Wisconsin DNR Enterprise Data Management Section

Contact_Position: GIS Data Specialist

Contact_Voice_Telephone: (608) 264-8916

Contact_TDD/TTY_Telephone: none

Contact_Facsimile_Telephone: (608) 266-0870

Contact_Electronic_Mail_Address: John.Laedlein@dnr.state.wi.us

Hours_of_Service: Normal business hours or as available

Resource_Description: Downloadable Data

Distribution_Liability:

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

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Format_Name: ESRI shapefile

File-Decompression_Technique: Compressed file created using WinZip

Transfer_Size: 11.155

Digital_Transfer_Option:

Online_Option:

Computer_Contact_Information:

Network_Address:

Network_Resource_Name:

[ftp://gomapout.dnr.state.wi.us/geodata/
orig_veg_cover/orig_veg_cover.zip](ftp://gomapout.dnr.state.wi.us/geodata/orig_veg_cover/orig_veg_cover.zip)

Access_Instructions: Download from 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 operating systems.

Ordering_Instructions:

Refer to the DNR/EDM website for information about data access options: <http://www.dnr.state.wi.us/maps/gis/geolibrary.html>

Metadata_Reference_Information:

Metadata_Date: 20060710

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Wisconsin DNR Enterprise Data Management
Section

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_TDD/TTY_Telephone: none

Contact_Facsimile_Telephone: (608) 266-0870

Contact_Electronic_Mail_Address: Sara.Brenner@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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