

Administrative District Boundaries

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Identification Information:

Citation:

Citation Information:

Originator: USDA Black Hills National Forest

Publication Date: 20080408

Title:

Administrative District Boundaries

Edition: one

Geospatial Data Presentation Form: vector digital data

Publication Information:

Publication Place: Custer SD

Publisher: USDA Black Hills National Forest

Online Linkage: /fsfiles/ref/library/gis/forest/blkh/admin/admin_dist

Larger Work Citation:

Citation Information:

Originator:

Publication Date:

Title:

Publication Information:

Publication Place:

Publisher:

Online Linkage:

Description:

Abstract:

This coverage was dissolved from a copy of the RMRIS vegetation coverage.

Purpose:

The coverage is used to show Ranger District boundaries.

Time Period of Content:

Time Period Information:

Range of Dates/Times:

Beginning Date: 19980501

Ending_Date: 20080408

Currentness_Reference:

publication date

Status:

Progress: Complete

Maintenance_and_Update_Frequency: As needed

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -104.725354

East_Bounding_Coordinate: -103.255945

North_Bounding_Coordinate: 44.797021

South_Bounding_Coordinate: 43.270017

Keywords:

Theme:

Theme_Keyword_Thesaurus: None

Theme_Keyword: GIS

Theme_Keyword: Ranger Districts

Theme_Keyword: Political boundaries

Theme_Keyword: boundaries

Place:

Place_Keyword_Thesaurus: None

Place_Keyword: Black Hills National Forest

Place_Keyword: South Dakota

Place_Keyword: Wyoming

Access_Constraints: None

Use_Constraints:

This data is current to the best knowledge of the USDA Black Hills National Forest as of 02/14/2003.

Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Black Hills National Forest

Contact_Person:

Contact_Position: Lands Surveyor

Contact_Address:

Address_Type: mailing and physical address

Address:

1019 North 5th Street

City: Custer

State_or_Province: South Dakota

Postal_Code: 57730

Country: USA

Contact_Voice_Telephone: 605-673-9200

Contact_Facsimile_Telephone: 605-673-9350

Contact_Electronic_Mail_Address: r2_blackhills_webinfo@fs.fed.us

Hours_of_Service: Monday-Friday 8:00am - 4:30pm

Native_Data_Set_Environment:

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Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report:

All attributes were verified during the creation process by manually comparing hardcopy maps to known or desired boundaries and through acreage reports. Map attributes were also compared to the database for matches. Database attributes are checked as input and analysis is completed.

Logical_Consistency_Report:

There are no duplicate features in this coverage or in the database. There are no overshoots, undershoots or dangling arcs unless desired and each feature has only one label point. The polygons were dissolved based on an attribute from the Oracle database.

Positional_Accuracy:

Horizontal_Positional_Accuracy:

Horizontal_Positional_Accuracy_Report:

The data were created by delineating the boundary from a USGS Primary Base Series quadrangle at 1:24000 scale. Therefore the horizontal accuracy is assumed to be within National Map Accuracy Standards.

Vertical_Positional_Accuracy:

Vertical_Positional_Accuracy_Report:

The data were created by delineating the boundary from a USGS Primary Base Series quadrangle at 1:24000 scale. Therefore the vertical accuracy is assumed to be within National Map Accuracy Standards.

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator: USDA Black Hills National Forest

Publication_Date: 20030214

Title:

Administrative Ranger District Boundaries

Edition: one

Geospatial_Data_Presentation_Form: map

Publication_Information:

Publication_Place: Custer SD

Publisher: USDA Black Hills National Forest

Online_Linkage:

<http://www.fs.fed.us/r2/blackhills/projects/gis/coverages/boundary.exe>

Larger_Work_Citation:

Citation_Information:

Publication_Information:

Source_Scale_Denominator: 1:24000

Type_of_Source_Media: Stable Based Mylar

Source_Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 19980501

Source_Currentness_Reference:

ground condition

Source_Contribution:

Vector data representing existing vegetation conditions on the Black Hills National Forest as of 02/14/2003. These vectors were used in the dissolve process for this layer.

Process_Step:

Process_Description:

The vectors were originally drafted on a 1:24,000 scale on a stable mylar base, utilizing the PBS quadrangles for locational placement. These vectors were then scanned into the computer utilizing LTPlus software, transferred to the MOSS software package and finally into the ArcInfo software package. The vectors were then dissolved within ArcInfo to produce the final theme.

Process_Date: 1995

Process_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person:

Contact_Organization: Black Hills National Forest

Contact_Position: Forest Resource Information Specialist

Contact_Address:

Address_Type: mailing and physical address

Address:

1019 North 5th Street

City: Custer

State_or_Province: South Dakota

Postal_Code: 57730

Country: USA

Contact_Voice_Telephone: 605-673-9200

Contact_Facsimile_Telephone: 605-673-9350

Contact_Electronic_Mail_Address: r2_blackhills_webinfo@fs.fed.us

Hours_of_Service: Monday-Friday 7:30am - 5pm

Process_Step:

Process_Description:

Current updates to the RMRIS coverage are completed by utilizing scanning of drafted mylar maps or on-screen digitizing. Scanning consists of drafting changes utilizing aerial photos and PBS maps then scanning into digital format and editing as needed. On-screen digitizing consists of editing directly into the computer software utilizing DOQs and other coverages in the background while inputting changes to the vectors.

Process_Date: 199805

Process_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person:

Contact_Organization: Black Hills National Forest

Contact_Position: Forest GIS Coordinator

Contact_Address:

Address_Type: mailing and physical address

Address:

1019 North 5th Street

City: Custer

State_or_Province: South Dakota

Postal_Code: 57730

Country: USA

Contact_Voice_Telephone: 605-673-9200

Contact_Facsimile_Telephone: 605-673-9350

Contact_Electronic_Mail_Address: r2_blackhills_webinfo@fs.fed.us

Hours_of_Service: Monday-Friday 7:30am - 5pm

Process_Step:

Process_Description:

The arcs were made coincident with the official lands layer by a contract.

Process_Date: 2002

Process_Step:

Process_Description:

Vectors are updated on the original Vegetation layer by GPS or Screen digitizing with DOQs in the background. Vector coincidence with the land layer is continually monitored for compliance.

Process_Date: 2003

Process_Step:

Process_Description:

Data was re-projected to the UTM, Zone 13, NAD83, Meters projection using ESRI ArcInfo 8.3 Software.

Process_Date: 2004

Process_Step:

Process_Description:

Removed old Mystic district Office.

Process_Date: 2008

Process_Step:

Process_Description:

Metadata imported.

Source_Used_Citation_Abbreviation:

C:\DOCUME~1\lmartine\LOCALS~1\Temp\xml779.tmp

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Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: Complete chain
Point_and_Vector_Object_Count: 139
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: Label point
Point_and_Vector_Object_Count: 90
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: GT-polygon composed of chains
Point_and_Vector_Object_Count: 90
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: Point
Point_and_Vector_Object_Count: 264

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Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Grid_Coordinate_System:
Grid_Coordinate_System_Name: Universal Transverse Mercator
Universal_Transverse_Mercator:
UTM_Zone_Number: 13
Transverse_Mercator:
Scale_Factor_at_Central_Meridian: 0.999600
Longitude_of_Central_Meridian: -105.000000
Latitude_of_Projection_Origin: 0.000000
False_Easting: 500000.000000
False_Northing: 0.000000
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abcissa_Resolution: 0.000256
Ordinate_Resolution: 0.000256
Planar_Distance_Units: meters
Geodetic_Model:
Horizontal_Datum_Name: North American Datum of 1983
Ellipsoid_Name: Geodetic Reference System 80
Semi-major_Axis: 6378137.000000
Denominator_of_Flattening_Ratio: 298.257222

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Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: admin_dist.aat
Entity_Type_Definition:
Polygon Attribute Table
Entity_Type_Definition_Source:

None

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: FNODE#

Attribute_Definition:

Internal node number for the beginning of an arc (from-node).

Attribute_Definition_Source:

ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

Whole numbers that are automatically generated.

Attribute:

Attribute_Label: TNODE#

Attribute_Definition:

Internal node number for the end of an arc (to-node).

Attribute_Definition_Source:

ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

Whole numbers that are automatically generated.

Attribute:

Attribute_Label: LPOLY#

Attribute_Definition:

Internal node number for the left polygon.

Attribute_Definition_Source:

ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

Whole numbers that are automatically generated.

Attribute:

Attribute_Label: RPOLY#

Attribute_Definition:

Internal node number for the right polygon.

Attribute_Definition_Source:

ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

Whole numbers that are automatically generated.

Attribute:

Attribute_Label: LENGTH

Attribute_Definition:

Perimeter of feature in internal units.

Attribute_Definition_Source:

ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

Positive real numbers that are automatically generated.

Attribute:

Attribute_Label: ADMIN_DIST#

Attribute_Definition:

Official name of the ranger district

Attribute_Definition_Source:

USDA Forest Service

Attribute_Domain_Values:

Unrepresentable_Domain:

Text field containing district name.

Attribute:

Attribute_Label: ADMIN_DIST-ID

Attribute_Definition:

User-defined feature number.

Attribute_Definition_Source:

ESRI

Detailed_Description:

Entity_Type:

Entity_Type_Label: admin_dist.pat

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_Definition:

Area of feature in internal units squared.

Attribute_Definition_Source:

ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

Positive real numbers that are automatically generated.

Attribute:

Attribute_Label: PERIMETER

Attribute_Definition:

Perimeter of feature in internal units.

Attribute_Definition_Source:

ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

Positive real numbers that are automatically generated.

Attribute:

Attribute_Label: ADMIN_DIST#

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: ADMIN_DIST-ID

Attribute_Definition:

User-defined feature number.

Attribute_Definition_Source:

ESRI

Attribute:

Attribute_Label: ADMIN_DIST

Attribute_Definition:

Two letter code for the district name.

Attribute_Definition_Source:

Local Forest

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: BL

Enumerated_Domain_Value_Definition:

Bearlodge District

Enumerated_Domain:

Enumerated_Domain_Value: NH
Enumerated_Domain_Value_Definition:
Northern Hills District

Enumerated_Domain:

Enumerated_Domain_Value: MY

Enumerated_Domain_Value_Definition:
Mystic District

Enumerated_Domain:

Enumerated_Domain_Value: HC

Enumerated_Domain_Value_Definition:
Hell Canyon District

Attribute:

Attribute_Label: NAME

Attribute_Definition:
Official District Name.

Attribute_Definition_Source:
Local Forest

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: Bearlodge District

Enumerated_Domain:

Enumerated_Domain_Value: Northern Hills District

Enumerated_Domain:

Enumerated_Domain_Value: Mystic District

Enumerated_Domain:

Enumerated_Domain_Value: Hell Canyon District

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Distribution_Information:

Distributor:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Black Hills National Forest

Contact_Person:

Contact_Position: Forest Resource Information Specialist

Contact_Address:

Address_Type: mailing and physical address

Address:

1019 North 5th Street

City: Custer

State_or_Province: South Dakota

Postal_Code: 57730

Country: USA

Contact_Voice_Telephone: 605-673-9200

Contact_Facsimile_Telephone: 605-673-9350

Contact_Electronic_Mail_Address: r2_blackhills_webinfo@fs.fed.us

Hours_of_Service: Monday-Friday 7:30am - 5pm

Resource_Description: Administrative District Boundaries

Distribution_Liability:

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Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Transfer_Size: 0.301

Digital_Transfer_Option:

Online_Option:

Computer_Contact_Information:

Network_Address:

Network_Resource_Name:

<http://www.fs.fed.us/r2/blackhills/projects/gis/downloads/boundary.exe>

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Metadata_Reference_Information:

Metadata_Date: 20061020

Metadata_Review_Date: 20080408

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Black Hills National Forest

Contact_Person:

Contact_Position: Forest GIS Coordinator

Contact_Address:

Address_Type: Mailing and physical address

Address:

1019 North 5th Street

City: Custer

State_or_Province: South Dakota

Postal_Code: 57730

Country: USA

Contact_Voice_Telephone: 605-673-9200

Contact_Facsimile_Telephone: 605-673-9350

Contact_Electronic_Mail_Address: r2_blackhills_webinfo@fs.fed.us

Hours_of_Service: Monday-Friday 7:30am - 5pm

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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