Black Hills National Forest Ownership

Metadata:

- Identification_Information
- Data_Quality_Information
- Spatial_Data_Organization_Information
- Spatial_Reference_Information
- Entity_and_Attribute_Information
- Distribution_Information
- Metadata_Reference_Information

Identification_Information:
Citation:
Citation_Information:
Originator: Black Hills National Forest
Publication_Date: 2008-04-08
Title:
Black Hills National Forest Ownership
Edition: one
Geospatial_Data_Presentation_Form: vector digital data
Publication_Information:
Publication_Place: Custer, South Dakota
Publisher: Black Hills National Forest
Online_Linkage: /fsfiles/ref/library/gis/forest/blkh/admin/owner
Larger_Work_Citation:
Citation_Information:
Publication_Information:
Description:
Abstract:
The ownership for the Black Hills National Forest.
Purpose:
The ownership polygons were collected as part of the existing
vegetation layer for the Black Hills NF and made coincident with
the GPS land status surveys.
Time_Period_of_Content:
Time_Period_Information:
Range_of_Dates/Times:
Beginning_Date: 20021231
Ending_Date: 2008-03-03
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: 43.270019
Keywords:
Theme:
Theme_Keyword_Thesaurus: None
Theme_Keyword: USDA Forest Service
Theme_Keyword: GIS Data
Theme_Keyword: Spatial Data
Theme_Keyword: boundary
Theme_Keyword: ownership
Theme_Keyword: administrative
Theme_Keyword: private lands
Theme_Keyword: Forest Service Lands
Place:
Place_Keyword_Thesaurus: None
Place_Keyword: United States
Place_Keyword: Midwest
Place_Keyword: South Dakota
Place_Keyword: Black Hills National Forest
Place_Keyword: Custer County
Place_Keyword: Pennington County
Place_Keyword: Meade County
Place_Keyword: Fall River County
Place_Keyword: Lawrence County
Place_Keyword: Wyoming
Place_Keyword: Crook County
Place_Keyword: Weston County
Access_Constraints: User needs to exercise caution regarding the spatial accuracy of these data. County/Forest Service Land status plats are ultimately the official version of the boundary lineage.
Use_Constraints:
`Data may be viewed and used by any and all entities upon request.`
`However, data should not be changed or modified by anyone other`
`than the originating National Forest. The USFS does not guarentee`
`the accuracy of this data.`
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: Black Hills National Forest
Contact_Position: Realty Specialist
Contact_Address:
Address_Type: mailing and physical address
Address:

1019 North 5th Street
City: Custer
State_or_Province: SD
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 to 5:00pm, Mountain Standard Time
Native_Data_Set_Environment:
Microsoft Windows 2000 Version 5.0 (Build 2195) Service Pack 4; ESRI
ArcCatalog 9.0.0.535
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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 boundary
changes and through acreage reports.
    Logical_Consistency_Report:
ArcInfo clean, error and attribute checking process were
completed on the coverage. Spatial geometry has been
topologically built. Notify forest of errors in the data.
    Completeness_Report:
Data is complete as of publication date for the entire forest
area.
    Positional_Accuracy:
    Horizontal_Positional_Accuracy:
    Horizontal_Positional_Accuracy_Report:
The data were created by delineating by (on-screen digitizing by
a resource specialist with knowledge of the groud using USGS
Primary Base Series quadrange at 1:24000 scale or 2 Meter Digital
Orthoquad or collected with resource grade GPS unit), 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 by (on-screen digitizing by
a resource specialist with knowledge of the groud using USGS
Primary Base Series quadrange at 1:24000 scale or 2 Meter Digital
Orthoquad or collected with resource grade GPS unit), therefore
the horizontal accuracy is assumed to be within National Map
Accuracy Standards.
    Lineage:
    Source_Information:
    Source_Citation:
    Citation_Information:
    Originator: Black Hills National Forest
    Edition: one

Geospatial_Data_Presentation_Form: map
Publication_Information:
Publication_Place: Custer, South Dakota
Publisher: Black Hills National Forest
Online_Linkage: ArcInfo
Larger_Work_Citation:
Citation_Information:
Publication_Information:
Source_Scale_Denominator: 1:24000
Type_of_Source_Media: on-line
Source_Time_Period_of_Content:
Time_Period_Information:
Range_of_Dates/Times:
Beginning_Date: 200005
Ending_Date: 20050628
Source_Currentness_Reference:
publication date
Process_Step:
Process_Description:
The lines were originally drafted on a 1:24000 mylar overlay with
base quadrangle maps as the background. These were scanned into
MOSS using LTPlus. These were then transferred from MOSS into
ArcInfo.
Process_Date: 19990710
Process_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Ron Calvird
Contact_Organization: Black Hills National Forest
Contact_Position: Resource Information Specialist
Contact_Address:
Address_Type: mailing and physical address
Address:
1019 North 5th Street
City: Custer
State_or_Province: SD
Postal_Code: 57730
Country: USA
Contact_Voice_Telephone: 605-673-9249
Contact_Facsimile_Telephone: 605-673-9350
Contact_Electronic_Mail_Address: r2_blackhills_webinfo@fs.fed.us
Hours_of_Service: Monday-Friday 7:30am to 5:00pm, Mountain Standard Time
Process_Step:
Process_Description:
Arcs were updated in 2001/2002 by contractors and Forest GIS
Specialists. The updates were completed to implement the existing
coinicident heirarcy. Data source utilize include, GPS survey

data, existing watershed arcs, roads, streams and Digital
Orthophotograpy.
Process_Date: 2001
Process_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Todd Mills
Contact_Organization: Black Hills National Forest
Contact_Position: GIS Specialist
Contact_Voice_Telephone: 605-673-9264
Contact_Electronic_Mail_Address: r2_blackhills_webinfo@fs.fed.us
Process_Step:
Process_Description:
Arcs were then dissolved based on an attribute which determined
the difference between NFS and other ownerships. Data was then
again made coincident with GPS survey land status arcs and
verified with land changes documentation. This step is completed
yearly based on necessary updates/land exchanges.
Process_Date: 20050628
Process_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Lorrie Martinez
Contact_Organization: Black Hills National Forest
Contact_Position: Forest GIS Coordinator
Contact_Voice_Telephone: 605-673-9254
Contact_Electronic_Mail_Address: r2_blackhills_webinfo@fs.fed.us
Process_Step:
Process_Description:
Arcs were made coincident with the external boundary and
documented in the arc attribute file so coincidence can be
maintained. Land exchanges for 2007 were then incorporated into
this layer.
Process_Date: 2008-03-03
Process_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: USDA Forest Service, Black Hills National Forest
Contact_Person: Lorrie Martinez
Contact_Position: Forest GIS Coordinator
Contact_Voice_Telephone: 605-673-9254
Contact_Electronic_Mail_Address: r2_blackhills_webinfo@fs.fed.us
Process_Step:
Process_Description:
Metadata imported.
Source_Used_Citation_Abbreviation:
C:\DOCUME~1\lmartine\LOCALS~1\Temp\xml76E.tmp

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: 1583
    SDTS_Terms_Description:
    SDTS_Point_and_Vector_Object_Type: Label point
    Point_and_Vector_Object_Count: 1191
    SDTS_Terms_Description:
    SDTS_Point_and_Vector_Object_Type: GT-polygon composed of chains
    Point_and_Vector_Object_Count: 1191
    SDTS_Terms_Description:
    SDTS_Point_and_Vector_Object_Type: Point
    Point_and_Vector_Object_Count: 4

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:
    Abscissa_Resolution: 0.000979
    Ordinate_Resolution: 0.000979
    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

Entity_and_Attribute_Information:
    Detailed_Description:
    Entity_Type:

Entity_Type_Label: owner.aat
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:
Attribute_Label: OWNER#
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: OWNER-ID
Attribute_Definition:
User-defined feature number.
Attribute_Definition_Source:
ESRI
Attribute:
Attribute_Label: SOURCE
Attribute_Definition:
Source of the line. Used to make sure owner stays coincident
with the boundary layer.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: bdy
Enumerated_Domain_Value_Definition:
Should be coincident with the external forest boundary.
Enumerated_Domain:
Enumerated_Domain_Value: NULL
Enumerated_Domain_Value_Definition:
Not coincident with the external boundary.
Detailed_Description:
Entity_Type:
Entity_Type_Label: owner.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: OWNER#
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: OWNER-ID
Attribute_Definition:
`User-defined feature number.`
Attribute_Definition_Source:
`ESRI`

Attribute:
Attribute_Label: OWNER
Attribute_Definition:
`Administrator/Owner of the land designated by the polygon.`
Attribute_Definition_Source:
`Local Forest`

Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: NFS
Enumerated_Domain_Value_Definition:
`USDA National Forest Service`
Enumerated_Domain:
Enumerated_Domain_Value: OTH
Enumerated_Domain_Value_Definition:
`Other entitiy`
Enumerated_Domain:
Enumerated_Domain_Value: PVT
Enumerated_Domain_Value_Definition:
`Private entity`
Enumerated_Domain:
Enumerated_Domain_Value: STE
Enumerated_Domain_Value_Definition:
`State entity`
Enumerated_Domain:
Enumerated_Domain_Value: BLM
Enumerated_Domain_Value_Definition:
`USDI Bureau of Land Management`
Enumerated_Domain:
Enumerated_Domain_Value: NPS
Enumerated_Domain_Value_Definition:
`USDI National Park Service`
Attribute:
Attribute_Label: ACRES
Attribute_Definition:
`Calculated value.  (area * 0.0002471054)`
Attribute_Definition_Source:
`Local Forest`

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Distribution_Information:
    Distributor:
    Contact_Information:
    Contact_Organization_Primary:
    Contact_Organization: Black Hills National Forest
    Contact_Person: Lorrie Martinez
    Contact_Position: Forest GIS Coordinator
    Contact_Address:
    Address_Type: mailing and physical address
    Address:
`1019 North 5th Street`
    City: Custer
    State_or_Province: SD
    Postal_Code: 57730
    Country: USA

Contact_Voice_Telephone: 605-673-9254
Contact_Facsimile_Telephone: 605-673-9350
Contact_Electronic_Mail_Address: r2_blackhills_webinfo@fs.fed.us
Hours_of_Service: Monday-Friday 7:30am to 5:00pm, Mountain Standard Time
Resource_Description: Downloadable Data
Distribution_Liability:
```
DISCLAIMER:      The Forest Service uses the most current and
complete data available.  GIS data and product accuracy may vary.
They may be: developed from sources of differing accuracy,
accurate only at certain scales, based on modeling or
interpretation, incomplete while being created or revised, etc.
Using GIS products for purposes other than those for which they
were created, may yield inaccurate or misleading results.  The
Forest Service reserves the right to correct, update, modify, or
replace, GIS products without notification.  For more
information, contact the Black Hills National Forest at (605)
673-9200.
```
Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Transfer_Size: 1.144
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Metadata_Reference_Information:
Metadata_Date: 20080307
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: Black Hills National Forest
Contact_Person: Lorrie Martinez
Contact_Position: Forest GIS Coordinator
Contact_Address:
Address_Type: mailing and physical address
Address:
```
1019 North 5th Street
```
City: Custer
State_or_Province: SD
Postal_Code: 57730
Country: USA
Contact_Voice_Telephone: 605-673-9254
Contact_Facsimile_Telephone: 605-673-9350
Contact_Electronic_Mail_Address: r2_blackhills_webinfo@fs.fed.us
Hours_of_Service: Monday-Friday 7:30am to 5:00pm, Mountain Standard Time
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