

Large Historical Fire Polygons.

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Identification_Information:

Citation:

Citation_Information:

Originator: USDA Black Hills National Forest

Publication_Date: 20061010

Title:

Large Historical Fire Polygons.

Edition: Two

Geospatial_Data_Presentation_Form: vector digital data

Publication_Information:

Publication_Place: Custer, SD

Publisher: USDA Black Hills National Forest

Online_Linkage: \\BLKHSV6\dfsroot\fsfiles\ref\library\gis\forest\blkh\fire\firehis_pl

Larger_Work_Citation:

Citation_Information:

Originator:

Publication_Date:

Title:

Publication_Information:

Publication_Place:

Publisher:

Online_Linkage:

Description:

Abstract:

This shapefile was made from the Forest ArcInfo coverage containing existing large fire polygons. Some fires are still not captured on this layer due to lack of information available for historic fires. Spatial information for this layer is still being collected.

Purpose:

To document all wildfire boundaries for historical purposes.

Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 1911

Ending_Date: 2006

Currentness_Reference:

publication date

Status:

Progress: In work

Maintenance_and_Update_Frequency: Annually

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -104.573346

East_Bounding_Coordinate: -103.261712

North_Bounding_Coordinate: 44.791772

South_Bounding_Coordinate: 43.276772

Keywords:

Theme:

Theme_Keyword_Thesaurus: None

Theme_Keyword: GIS

Theme_Keyword: Fire

Theme_Keyword: Historical Information

Theme_Keyword: Catastrophic Events

Place:

Place_Keyword_Thesaurus: None

Place_Keyword: Black Hills National Forest

Place_Keyword: South Dakota

Place_Keyword: Wyoming

Place_Keyword: Custer County

Place_Keyword: Fall River County

Place_Keyword: Pennington County

Place_Keyword: Meade County

Place_Keyword: Lawrence County

Place_Keyword: Crook County

Place_Keyword: Weston County

Access_Constraints: None

Use_Constraints:

The USDA Forest Service manages this data for planning purposes, not necessarily for actual on the ground implementation. The USFS is in no way condoning or endorsing the application of these data for any given purpose. It is the sole responsibility of the user to determine whether or not the data are suitable for the intended purpose. It is also the obligation of the user to apply those data in an appropriate and conscientious manner. The USFS provides no warranty, nor accepts any liability occurring from any incorrect, incomplete, or misleading data, or from any incorrect, incomplete, or misleading use of these data. Much of the USFS data are based on and maintained with ARC/INFO software developed by Environmental Systems Research Institute (ESRI). Much of the information presented uses conventions and terms popularized by ARC/INFO and its user community. USFS in no way represents the interests of ESRI.

Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Black Hills National Forest

Contact_Person: Dean Berger

Contact_Position: Fire Management Officer

Contact_Address:

Address_Type: mailing and physical address

Address:

25041 North Hwy 16

City: Custer

State_or_Province: SD

Postal_Code: 57730

Country: USA

Contact_Voice_Telephone: 605-673-9260

Contact_Facsimile_Telephone: 605-673-9350

Contact_Electronic_Mail_Address: dlberger@fs.fed.us

Hours_of_Service: Monday-Friday 7:30am to 5:00pm, Mountain Standard Time

Security_Information:

Security_Classification: Unclassified

Native_Data_Set_Environment:

Microsoft Windows 2000 Version 5.0 (Build 2195) Service Pack 1; ESRI ArcCatalog 8.1.2.671

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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.

Logical_Consistency_Report:

Using Arc/Info polygons have been built. The coverage has not been edited since the last build or clean. The following tolerances: Map units: Meters, Precision: Double, Fuzzy: 0.010, Dangle: 1.0

Completeness_Report:

There are no unattributed polygons.

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 or utilizing resource grade Global Positioning Systems., 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 or utilizing resource grade Global Positioning Systems., therefore the vertical accuracy is assumed to be within National Map Accuracy Standards. National Map Accuracy Standards.

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator: Black Hills National Forest

Publication_Date: 20061010

Title:

Fire History

Source_Scale_Denominator: 1:24000

Source_Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 20051025

Source_Currentness_Reference:

publication date

Process_Step:

Process_Description:

Data was created utilizing various data capture techniques. Data was obtained from GPS and from on-screen digitizing utilizing historical hardcopy maps.

Process_Date: September 2005

Process_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Lorrie Martinez

Contact_Organization: Black Hills National Forest

Contact_Position: Forest GIS Coordinator

Contact_Address:

Address_Type: mailing and physical address

Address:

2504 North Hwy 16

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: lamartinez@fs.fed.us

Hours_of_Service: Monday-Friday 7:30am to 5:00pm, Mountain Standard Time

Process_Step:

Process_Description:

Metadata imported.

Source_Used_Citation_Abbreviation:

C:\DOCUME~1\lmartine\LOCALS~1\Temp\xml44.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: 1314

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: Label point

Point_and_Vector_Object_Count: 383

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: GT-polygon composed of chains

Point_and_Vector_Object_Count: 377

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: Point

Point_and_Vector_Object_Count: 4

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: Composite object
Point_and_Vector_Object_Count: 58

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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:

Abscissa_Resolution: 0.001502

Ordinate_Resolution: 0.001502

Planar_Distance_Units: meters

Geodetic_Model:

Horizontal_Datum_Name: North American Datum of 1983

Ellipsoid_Name: Clarke 1866

Semi-major_Axis: 6378206.400000

Denominator_of_Flattening_Ratio: 294.978698

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Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: firehis_pl.pat

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: 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: FIREHIS_PL#

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: FIREHIS_PL-ID

Attribute_Definition:

User-defined feature number.

Attribute_Definition_Source:

ESRI

Attribute_Domain_Values:
Unrepresentable_Domain:
Character Field

Detailed_Description:

Entity_Type:
Entity_Type_Label: firehis_pl.patfire

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: FIRE#

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: FIRE-ID

Attribute_Definition:

User-defined feature number.

Attribute_Definition_Source:

ESRI

Attribute:

Attribute_Label: FIRE_NAME

Attribute_Definition:

Official name given to the fire.

Attribute_Definition_Source:

Local Forest

Attribute_Domain_Values:

Unrepresentable_Domain:

Unique character value representing the name of the fire.

Attribute:

Attribute_Label: FIRE_YEAR

Attribute_Definition:

Year in which the fire occurred as text field.

Attribute_Definition_Source:

Local Forest

Attribute_Domain_Values:

Unrepresentable_Domain:

Year in which the fire occurred as text field.

Attribute:

Attribute_Label: YEAR_NUM

Attribute_Definition:

Year in which the fire occurred numeric field.

Attribute_Definition_Source:

Local Forest

Attribute_Domain_Values:

Unrepresentable_Domain:

Year in which the fire occurred as numeric field.

Attribute:

Attribute_Label: ACRES

Attribute_Definition:

Total acres within the fire boundary.

Attribute_Definition_Source:

Calculated based on area field.

Attribute_Domain_Values:

Unrepresentable_Domain:

Numeric value representing the acres within the fire boundary. Calculated area * 0.0002471054 to obtain acres.

Attribute:

Attribute_Label: DATA_SOURC

Attribute_Definition:

Source, if known of the fire perimeter.

Attribute_Definition_Source:

National GIS Core Layer Standards for Fire History.

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: drg

Enumerated_Domain_Value_Definition:

On-screen digitized utilizing DRGs in the background.

Enumerated_Domain:

Enumerated_Domain_Value: gps

Enumerated_Domain_Value_Definition:

Obtained via Global Positioning Systems

Enumerated_Domain:

Enumerated_Domain_Value: landsat

Enumerated_Domain_Value_Definition:

Obtained from Landsat imagery.

Enumerated_Domain:

Enumerated_Domain_Value: quickbird

Enumerated_Domain_Value_Definition:

Obtained from Quickbird imagery.

Enumerated_Domain:

Enumerated_Domain_Value: Megans research

Enumerated_Domain_Value_Definition:

Research done by Megan Jaros, 2005.

Enumerated_Domain:

Enumerated_Domain_Value: unk

Enumerated_Domain_Value_Definition:

Unknown.

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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:

2504 North Hwy 16

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: lamartinez@fs.fed.us

Hours_of_Service: Monday-Friday 7:30am to 5:00pm, Mountain Standard Time

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:

Format_Name: ArcInfo Export Format (.e00)

Format_Version_Number: ArcInfo 7.1.2

File-Decompression_Technique: Winzip

Transfer_Size: 0.645

Digital_Transfer_Option:

Online_Option:

Computer_Contact_Information:

Network_Address:

Network_Resource_Name:

ftp://ftp2.fs.fed.us/incoming/r2/bhnf/Core_Coverages/fire_history.zip

Access_Instructions:

Use FTP (File Transfer Protocol) or Internet connections to download file.

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Metadata_Reference_Information:

Metadata_Date: 20061010

Metadata_Review_Date: 20061010

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:

2504 North Hwy 16

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: lamartinez@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

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