

# Ditches and stream braids

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## IDENTIFICATION\_INFORMATION

### Citation:

#### Citation\_Information:

**Originator:** Black Hills National Forest

**Publication\_Date:** 20000914

**Title:** Ditches and stream braids

**Edition:** One

**Geospatial\_Data\_Presentation\_Form:** Map

#### Publication\_Information:

**Publication\_Place:** Custer, SD

**Publisher:** Black Hills National Forest

#### Other\_Citation\_Details:

#### Online\_Linkage:

[http://www.fs.fed.us/incoming/r2/bhnf/Core\\_Coverages/wtr\\_other.zip](http://www.fs.fed.us/incoming/r2/bhnf/Core_Coverages/wtr_other.zip)

#### Larger\_Work\_Citation:

#### Citation\_Information:

**Originator:**

**Publication\_Date:**

**Title:**

#### Publication\_Information:

**Publication\_Place:**

**Publisher:**

**Online\_Linkage:**

### Description:

#### Abstract:

Ditches and braids for the Black Hills National Forest

including the surrounding 4th level watersheds

**Purpose:**

This coverage was created as part of the Forest Plan Revision effort for the Black Hills National Forest

**Supplemental\_Information:**

**Time\_Period\_of\_Content:**

**Time\_Period\_Information:**

**Range\_of\_Dates/Times:**

**Beginning\_Date:** 20000214

**Ending\_Date:** 20010512

**Currentness\_Reference:** Publication Date

**Status:**

**Progress:** In work

**Maintenance\_and\_Update\_Frequency:** Annually

**Spatial\_Domain:**

**Bounding\_Coordinates:**

**West\_Bounding\_Coordinate:** -105.9093

**East\_Bounding\_Coordinate:** -102.1599

**North\_Bounding\_Coordinate:** 45.1797

**South\_Bounding\_Coordinate:** 42.9370

**Keywords:**

**Theme:**

**Theme\_Keyword\_Thesaurus:** None

**Theme\_Keyword:** fish habitat

**Theme\_Keyword:** GIS

**Theme\_Keyword:** Riparian

**Theme\_Keyword:** streams

**Theme\_Keyword:** water

**Theme\_Keyword:** ditches

**Place:**

**Place\_Keyword\_Thesaurus:** None

**Place\_Keyword:** United States

**Place\_Keyword:** Midwest

**Place\_Keyword:** South Dakota

**Place\_Keyword:** Black Hills

**Access\_Constraints:**

**Use\_Constraints:**

**Point\_of\_Contact:**

**Contact\_Information:**

**Contact\_Organization\_Primary:**

**Contact\_Organization:** Black Hills National Forest

**Contact\_Person:** Monte Williams

**Contact\_Position:** Forest Hydrologist

**Contact\_Address:**

**Address\_Type:** mailing and physical address

**Address:** 25041 N. Highway 16

**City:** Custer

**State\_or\_Province:** SD

**Postal\_Code:** 57730

**Country:** USA

**Contact\_Voice\_Telephone:** 605-673-9231

**Contact\_Facsimile\_Telephone:** 605-673-9350

**Contact\_Electronic\_Mail\_Address:** mlwilliams01@fs.fed.us

**Hours\_of\_Service:** Monday-Friday 7:30am to 5:00pm, Mountain Standard Time

**Native\_Data\_Set\_Environment:**

Arc/Info coverage format

/fsfiles/ref/library/gis/forest/blkh/physical/s\_hydro

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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:**

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 database is run through error checking routines before being considered frozen.

**Completeness\_Report:**

**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:** Black Hills National Forest

**Publication\_Date:** 19950710

**Title:** Black Hills National Forest Ownership

**Edition:** one

**Geospatial\_Data\_Presentation\_Form:** map

**Publication\_Information:**

**Publication\_Place:** Custer, SD

**Publisher:** Black Hills National Forest

**Other\_Citation\_Details:**

**Online\_Linkage:** ArcInfo

**Larger\_Work\_Citation:**

**Citation\_Information:**

**Originator:**

**Publication\_Date:**

**Title:**

**Publication\_Information:**

**Publication\_Place:**

**Publisher:**

**Online\_Linkage:**

**Source\_Scale\_Denominator:** 1

**Type\_of\_Source\_Media:** Stable Base Material; Online

**Source\_Time\_Period\_of\_Content:**

**Time\_Period\_Information:**

**Range\_of\_Dates/Times:**

**Beginning\_Date:** 2000214

**Ending\_Date:** 20010512

**Source\_Currentness\_Reference:** Publication Date

**Source\_Citation\_Abbreviation:**

**Source\_Contribution:**

Vector Data representing Forest Streams

**Source\_Information:**

**Source\_Citation:**

**Citation\_Information:**

**Originator:** Black Hills National Forest

**Publication\_Date:** 20010612

**Title:** Black Hills National Forest Ditches and Braids

**Edition:** one

**Geospatial\_Data\_Presentation\_Form:** map

**Publication\_Information:**

**Publication\_Place:** Custer, SD

**Publisher:** Black Hills National Forest

**Other\_Citation\_Details:**

**Online\_Linkage:** ArcInfo

**Larger\_Work\_Citation:**

**Citation\_Information:**

**Originator:**

**Publication\_Date:**

**Title:**

**Publication\_Information:**

**Publication\_Place:**

**Publisher:**

**Online\_Linkage:**

**Source\_Scale\_Denominator:** 1

**Type\_of\_Source\_Media:** Stable Base Material; Online

**Source\_Time\_Period\_of\_Content:**

**Time\_Period\_Information:**

**Range\_of\_Dates/Times:**

**Beginning\_Date:** 2000214

**Ending\_Date:** 20010512

**Source\_Currentness\_Reference:** Publication Date

**Source\_Citation\_Abbreviation:**

**Source\_Contribution:**

Vector Data representing Forest Ditches and Braids

**Process\_Step:**

**Process\_Description:**

CFF stream lines were corrected online to match digital base

quadrangles in the background

**Source\_Used\_Citation\_Abbreviation:**

**Process\_Date:**

**Source\_Produced\_Citation\_Abbreviation:**

**Process\_Contact:**

**Contact\_Information:**

**Contact\_Person\_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:** 25041 N. Highway 16

**City:** Custer

**State\_or\_Province:** SD

**Postal\_Code:** 57730

**Country:** USA

**Contact\_Voice\_Telephone:** 605-673-9254

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**Contact\_Electronic\_Mail\_Address:** lamartinez@fs.fed.us

**Hours\_of\_Service:** Monday-Friday 7:30am to 5:00pm, Mountain Standard

Time

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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:**

**Point\_and\_Vector\_Object\_Count:** 217

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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:* 0.001000

*Ordinate\_Resolution:* 0.001000

*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

*Vertical\_Coordinate\_System\_Definition:*

*Altitude\_System\_Definition:*

*Altitude\_Resolution:* 1.000000

*Altitude\_Encoding\_Method:*

Explicit elevation coordinate included with horizontal coordinates

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**ENTITY\_AND\_ATTRIBUTE\_INFORMATION****Detailed\_Description:****Entity\_Type:****Entity\_Type\_Label:** stream.ratllid**Entity\_Type\_Definition:** Route Attribute Table**Entity\_Type\_Definition\_Source:** None**Attribute:****Attribute\_Label:** LLID#**Attribute\_Definition:** Internal feature number**Attribute\_Definition\_Source:** Software generated**Attribute\_Domain\_Values:****Unrepresentable\_Domain:**

Software computed

**Attribute:****Attribute\_Label:** LLID-ID**Attribute\_Definition:** Feature identification number**Attribute\_Definition\_Source:** Software generated**Attribute\_Domain\_Values:****Unrepresentable\_Domain:**

Software computed

**Attribute:****Attribute\_Label:** LLID**Attribute\_Definition:** 13 digit number representing the long/tat taken at  
teh mouth of the stream**Attribute\_Definition\_Source:** Software generated**Attribute\_Domain\_Values:****Unrepresentable\_Domain:**

Software computed

**Attribute:****Attribute\_Label:** Stream\_nm**Attribute\_Definition:** Name of the stream as represented within the  
Geographic Names Information System(GNIS).**Attribute\_Definition\_Source:** Created using Digital Base quadrangles**Attribute\_Domain\_Values:****Unrepresentable\_Domain:** Character Field**Attribute:****Attribute\_Label:** Kilo\_length**Attribute\_Definition:** Length of stream in Kilometers**Attribute\_Definition\_Source:** Software generated**Attribute\_Domain\_Values:****Unrepresentable\_Domain:**

Software computed

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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: 25041 N. Highway 16

City: Custer

State\_or\_Province: SD

Postal\_Code: 57730

Country: USA

Contact\_Voice\_Telephone: 605-673-9254

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Hours\_of\_Service: Monday-Friday 7:30am to 5:00pm, Mountain Standard Time

### Resource\_Description:

Black Hills National Forest Ditches and Braids

### Distribution\_Liability:

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

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## **METADATA\_REFERENCE\_INFORMATION**

**Metadata\_Date:** 20010611

**Metadata\_Review\_Date:**

**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:** 25041 N. Highway 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 CSDGM

**Metadata\_Standard\_Version:** FGDC-STD-001-1998

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