

Intermittent Streams in Mississippi (mstm) (1992) [inter]

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Identification_Information:

Citation:

Citation_Information:

Originator: Mississippi Automated Resource Information System (MARIS)

Publication_Date: 1992

Title:

Intermittent Streams in Mississippi (mstm) (1992) [inter]

Geospatial_Data_Presentation_Form: vector digital data

Online_Linkage: <http://www.maris.state.ms.us/statewide.html>

Description:

Abstract:

Vector GIS data set derived from 1983 USGS Digital Line Graphs (DLG) describing and delineating stream channels in Mississippi that contain water only part of the year.

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Purpose:

Data was collected as part of the statewide GIS data repository effort.

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Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 1979

Ending_Date: 1982

Currentness_Reference:

publication date

publication date

Status:

Progress: Complete

Maintenance_and_Update_Frequency: As needed

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -91.657836

East_Bounding_Coordinate: -88.111896

North_Bounding_Coordinate: 34.996034

South_Bounding_Coordinate: 30.175637

Keywords:

Theme:

Theme_Keyword_Thesaurus: none

Theme_Keyword: hydrology

Theme_Keyword: streams

Place:

Place_Keyword_Thesaurus: none

Place_Keyword: Mississippi

Place_Keyword: USA

Access_Constraints: none

Use_Constraints:

Data users are encouraged to read this metadata record to better comprehend and utilize the described data set. MARIS should be recognize as a source data provider on all data derived from this data set. The data are not survey products and not intended for legal use.

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Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Mississippi Automated Resource Information System (MARIS)

Contact_Person: Steve Walker

Contact_Position: GIS Operations Manager

Contact_Address:

Address_Type: mailing and physical address

Address:

3825 Ridgewood Road

3825 Ridgewood Road

City: Jackson

State_or_Province: MS

Postal_Code: 39211-6453

Country: USA

Contact_Voice_Telephone: (601) 432-6149

Contact_Facsimile_Telephone: (601) 432-6893

Contact_Electronic_Mail_Address: swalker@ihl.state.ms.us

Native_Data_Set_Environment:

Microsoft Windows 2000 Version 5.0 (Build 2195) Service Pack 3; ESRI ArcCatalog 8.3.0.800

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Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report:

Attribute values were validated via cross-checks with existing data resources including photographs, maps, imagery, and scientific reports.

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Logical_Consistency_Report:

All line work is checked for topological integrity and to ensure that polygons are fully enclosed, no duplicate lines or points exists, line segments are composed of sequentially numbered coordinate pairs, intersecting lines are separated by a node, and no dangling lines exist. Topological checks and structuring are performed using the ArcInfo software. Data dictionary specification are automatically implemented via the ESRI Info database management software. Data collected from external data providers are randomly verified.

All line work is checked for topological integrity and to ensure that polygons are fully enclosed, no duplicate lines or points exists, line segments are composed of sequentially numbered coordinate pairs, intersecting lines are separated by a node, and no dangling lines exist. Topological checks and structuring are performed using the ArcInfo software. Data dictionary specification are automatically implemented

via the ESRI Info database management software. Data collected from external data providers are randomly verified.

Completeness_Report:

The data are complete with respect to the data publication date and scale.

The data are complete with respect to the data publication date and scale.

Positional_Accuracy:

Horizontal_Positional_Accuracy:

Horizontal_Positional_Accuracy_Report:

Feature locations were validated via cross-checks with existing data resources including photographs, maps, imagery, and scientific reports.

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Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator: U.S. Geological Survey

Publication_Date: 1983

Title:

Digital Line Graphs (DLG)

Source_Scale_Denominator: 100000

Type_of_Source_Media: magnetic tape

Source_Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 1979

Ending_Date: 1982

Source_Currentness_Reference:

publication date

Source_Citation_Abbreviation:

DLG

Source_Contribution:

sole data source

sole data source

Process_Step:

Process_Description:

Data were extracted from the DLG files into ArcInfo coverages. Data were then separated using major/minor codes into perennial and intermittent streams (intermittent streams are maintained as a separate coverage)

Data were extracted from the DLG files into ArcInfo coverages. Data were then separated using major/minor codes into perennial and intermittent streams (intermittent streams are maintained as a separate coverage)

Process_Date: 1992

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Spatial_Data_Organization_Information:

Indirect_Spatial_Reference_Method:

FIPS = 28 (Mississippi)

Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: String
Point_and_Vector_Object_Count: 55885

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Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Map_Projection:

Map_Projection_Name: Transverse Mercator
Transverse_Mercator:

Scale_Factor_at_Central_Meridian: 0.9998335
Longitude_of_Central_Meridian: -89.75
Latitude_of_Projection_Origin: 32.5
False_Easting: 500,000
False_Northing: 1,300,000

Planar_Coordinate_Information:

Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:

Abscissa_Resolution: 0.000001
Ordinate_Resolution: 0.000001

Planar_Distance_Units: meters

Geodetic_Model:

Horizontal_Datum_Name: North American Datum of 1983
Ellipsoid_Name: Geodetic Reference System 80
Semi-major_Axis: 6,378,137
Denominator_of_Flattening_Ratio: 298.257

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Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: inter
Entity_Type_Definition:
Perennial Streams
Entity_Type_Definition_Source:
MARIS

Attribute:

Attribute_Label: FID
Attribute_Definition:
Internal feature number.
Internal feature number.
Attribute_Definition_Source:
ESRI
ESRI
Attribute_Domain_Values:

Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute_Label: Shape

Attribute_Definition:

Feature geometry.

Feature geometry.

Attribute_Definition_Source:

ESRI

ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

Coordinates defining the features.

Attribute:

Attribute_Label: FNODE_

Attribute_Definition:

from node id number

from node id number

Attribute_Definition_Source:

USGS

USGS

Attribute_Domain_Values:

Unrepresentable_Domain:

ESRI internal topological information

Attribute:

Attribute_Label: TNODE_

Attribute_Definition:

to node id number

to node id number

Attribute_Definition_Source:

ESRI

ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

ESRI internal topological information

Attribute:

Attribute_Label: LPOLY_

Attribute_Definition:

left polygon id number

left polygon id number

Attribute_Definition_Source:

ESRI

ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

ESRI internal topological information

Attribute:

Attribute_Label: RPOLY_

Attribute_Definition:

right polygon id number

right polygon id number

Attribute_Definition_Source:

ESRI

ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

ESRI internal topological information

Attribute:

Attribute_Label: LENGTH

Attribute_Definition:

arc length

arc length

Attribute_Definition_Source:

ESRI

ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

ESRI internal topological information

Attribute:

Attribute_Label: INTER_

Attribute_Definition:

ESRI internal feature number

ESRI internal feature number

Attribute_Definition_Source:

ESRI

ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

numbering schema

Attribute:

Attribute_Label: INTER_ID

Attribute_Definition:

ESRI internal feature number

ESRI internal feature number

Attribute_Definition_Source:

ESRI

ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

numbering schema

Attribute:

Attribute_Label: MAJOR1

Attribute_Definition:

coding

coding

Attribute_Definition_Source:

USGS

USGS

Attribute_Domain_Values:

Codeset_Domain:

Codeset_Name: DLG Hydrographic Coding Scheme

Codeset_Source: USGS

Attribute:

Attribute_Label: MINOR1

Attribute_Definition:

coding

coding

Attribute_Definition_Source:

USGS

USGS

Attribute_Domain_Values:

Codeset_Domain:

Codeset_Name: DLG Hydrographic Coding Scheme

Codeset_Source: USGS

Attribute:

Attribute_Label: MAJOR2

Attribute_Definition:

coding

coding

Attribute_Definition_Source:

USGS

USGS

Attribute_Domain_Values:

Codeset_Domain:

Codeset_Name: DLG Hydrographic Coding Scheme

Codeset_Source: USGS

Attribute:

Attribute_Label: MINOR2

Attribute_Definition:

coding

coding

Attribute_Definition_Source:

USGS

USGS

Attribute_Domain_Values:

Codeset_Domain:

Codeset_Name: DLG Hydrographic Coding Scheme

Codeset_Source: USGS

Attribute:

Attribute_Label: MAJOR3

Attribute_Definition:

coding

coding

Attribute_Definition_Source:

USGS

USGS

Attribute_Domain_Values:

Codeset_Domain:

Codeset_Name: DLG Hydrographic Coding Scheme

Codeset_Source: USGS

Attribute:

Attribute_Label: MINOR3

Attribute_Definition:

coding

coding

Attribute_Definition_Source:

USGS

USGS

Attribute_Domain_Values:

Codeset_Domain:

Codeset_Name: DLG Hydrographic Coding Scheme

Codeset_Source: USGS

Attribute:

Attribute_Label: MAJOR4

Attribute_Definition:

coding

coding

Attribute_Definition_Source:

USGS

USGS

Attribute_Domain_Values:

Codeset_Domain:

Codeset_Name: DLG Hydrographic Coding Scheme

Codeset_Source: USGS

Attribute:

Attribute_Label: MINOR4

Attribute_Definition:

coding

coding

Attribute_Definition_Source:

USGS

USGS

Attribute_Domain_Values:

Codeset_Domain:

Codeset_Name: DLG Hydrographic Coding Scheme

Codeset_Source: USGS

Attribute:

Attribute_Label: MAJOR5

Attribute_Definition:

coding

coding

Attribute_Definition_Source:

USGS

USGS

Attribute_Domain_Values:

Codeset_Domain:

Codeset_Name: DLG Hydrographic Coding Scheme

Codeset_Source: USGS

Attribute:

Attribute_Label: MINOR5

Attribute_Definition:

coding

coding

Attribute_Definition_Source:

USGS

USGS

Attribute_Domain_Values:

Codeset_Domain:

Codeset_Name: DLG Hydrographic Coding Scheme

Codeset_Source: USGS

Overview_Description:

Entity_and_Attribute_Overview:

Dataset attributes are documented in the USGS DLG Hydrography Coding Manual

Dataset attributes are documented in the USGS DLG Hydrography Coding Manual

Entity_and_Attribute_Detail_Citation:

http://www.nps.gov/akso/gis/metadata/hydro_rv.html

http://www.nps.gov/akso/gis/metadata/hydro_rv.html

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Distribution_Information:

Distributor:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Steve Walker

Contact_Organization: Mississippi Automated Resource Information System (MARIS)

Contact_Position: GIS Operations Manager

Contact_Address:

Address_Type: mailing and physical address

Address:

3825 Ridgewood Road

3825 Ridgewood Road

City: Jackson

State_or_Province: MS

Postal_Code: 39211-6453

Country: USA

Contact_Voice_Telephone: 601.432.6149

Contact_Facsimile_Telephone: 601.432.6893

Contact_Electronic_Mail_Address: swalker@ihl.state.ms.us

Hours_of_Service: 8:00 a.m. - 4:00 p.m. CST

Resource_Description: inter

Distribution_Liability:

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Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Format_Name: ARCE (ArcInfo export), ArcGIS (shapefile)
File_Decompression_Technique: TAR, WinZip
Transfer_Size: 29.994

Digital_Transfer_Option:

Online_Option:

Computer_Contact_Information:

Network_Address:

Network_Resource_Name: http://www.maris.state.ms.us/Data_Warehouse/Download_Data/download_data.html

Offline_Option:

Offline_Media: CD-ROM
Recording_Format: CD Write

Fees: Direct downloads and CDs of standard MARIS products are available free of charge

Available_Time_Period:

Time_Period_Information:

Single_Date/Time:

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Metadata_Reference_Information:

Metadata_Date: 20030916
Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Mississippi Automated Resource Information System (MARIS)
Contact_Person: Ed Vigil

Contact_Position: GIS Project Manager

Contact_Address:

Address_Type: mailing and physical address
Address:

3825 Ridgewood Road

3825 Ridgewood Road

City: Jackson

State_or_Province: MS

Postal_Code: 39211-6453
Country: USA

Contact_Voice_Telephone: (601) 432-6896
Contact_Facsimile_Telephone: (601) 432-6893
Contact_Electronic_Mail_Address: evigil@ihl.state.ms.us

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: local time

Metadata_Access_Constraints: none

Metadata_Use_Constraints:

none

Metadata_Extensions:

Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>

Profile_Name: ESRI Metadata Profile

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