

Communities [2009]

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: Mississippi Automated Resource Information System (MARIS)

Publication_Date: 2009

Title: Communities [2009]

Geospatial_Data_Presentation_Form: vector digital data

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

Description:

Abstract:

Locations of populated places not including incorporated cities or census designated places. This data was created using the US Geological Survey's Geographic Names (GNIS) file for Mississippi. In July 2009, MARIS staff added over 250 communities to this data layer using the MS DOT county highway maps.

Purpose:

Data were compiled as part of a statewide GIS repository effort.

Supplemental_Information:

This data is part of Phase II updates dated 1989 for Mississippi. Updates occurred in July 2009.

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 1989

Currentness_Reference: publication date

Status:

Progress: Complete

Maintenance_and_Update_Frequency: As needed

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -91.688585

East_Bounding_Coordinate: -88.098668

North_Bounding_Coordinate: 34.993095

South_Bounding_Coordinate: 30.212565

Keywords:

Theme:

Theme_Keyword_Thesaurus: none

Theme_Keyword: towns

Theme_Keyword: village

Theme_Keyword: settlement

Theme:

Theme_Keyword_Thesaurus: ISO19115

Theme_Keyword: society

Theme_Keyword: boundaries

Theme_Keyword: location

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.

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

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 XP Version 5.1 (Build 2600) Service Pack 3; ESRI ArcCatalog 9.3.1.3000

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report:

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

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.

Completeness_Report:

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.

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator: U.S. Geological Survey

Publication_Date: 1989

Title: U.S. Geological Survey Topographic Maps

Source_Scale_Denominator: 24000 and 100000

Type_of_Source_Media: online

Source_Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 1969

Ending_Date: 1989

Source_Currentness_Reference: publication date

Source_Citation_Abbreviation: USGS

Source_Contribution: Original Data source

Source_Information:

Source_Scale_Denominator: Varies

Type_of_Source_Media: paper

Source_Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 1984

Source_Currentness_Reference: publication date

Source_Citation_Abbreviation: MS DOT

Source_Contribution:

Locations of additional communities not included in the GNIS file.

Process_Step:

Process_Description:

Data was created from the comma-delimited ASCII file MS_deci.html containing x,y coordinate pairs. The coverage was then projected by MARIS staff from Lat/Long into MSTM. Populated places were extracted using the GNIS attribute type='ppl' meaning place or area with clustered or scattered buildings and a permanent human population. The points that were also incorporated cities or census designated places were deleted using intersects with the cityi and cityp data layers.

Source_Used_Citation_Abbreviation: USGS - GNIS

Process_Date: 2002

Process_Step:

Process_Description:

MARIS staff used the MS DOT county highway maps to locate over 250 additional communities not on the GNIS file. This data was added using heads-up digitization with the MS 811 highways and streets layers as background along with the 2007 Census places layer.

Source_Used_Citation_Abbreviation: MS DOT

Process_Date: 20090727

Process_Time: 07240200

Process_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Jim Steil

Contact_Organization: MARIS

Contact_Position: Director

Contact_Voice_Telephone: 601-432-6354

Contact_Electronic_Mail_Address: jsteil@ihl.state.ms.us

Hours_of_Service: M-F 8 - 5 CDT

Spatial_Data_Organization_Information:

Indirect_Spatial_Reference: FIPS = 28 (Mississippi)

Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: Entity point

Point_and_Vector_Object_Count: 2295

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Map_Projection:

Map_Projection_Name: Transverse Mercator

Transverse_Mercator:

Scale_Factor_at_Central_Meridian: 0.999834

Longitude_of_Central_Meridian: -89.750000

Latitude_of_Projection_Origin: 32.500000

False_Easting: 500000.000000

False_Northing: 1300000.000000

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: 6378137.000000

Denominator_of_Flattening_Ratio: 298.257222

Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: Communities

Entity_Type_Definition:

place or area with clustered or scattered buildings and a permanent human population

Entity_Type_Definition_Source: USGS GNIS

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 in meters - 0 for points

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain: numbering schema

Attribute:

Attribute_Label: PERIMETER

Attribute_Definition: Perimeter in meters - 0 for points

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain: numbering schema

Attribute:

Attribute_Label: NAME
Attribute_Definition: Name of place
Attribute_Definition_Source: USGS GNIS
Attribute_Domain_Values:

Unrepresentable_Domain: naming schema

Attribute:

Attribute_Label: CLASS
Attribute_Definition: Data Source
Attribute_Definition_Source: MARIS/ USGS GNIS
Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: ppl
Enumerated_Domain_Value_Definition: populated place
Enumerated_Domain_Value_Definition_Source: USGS GNIS

Enumerated_Domain:

Enumerated_Domain_Value: ppl_dot
Enumerated_Domain_Value_Definition: populated place from MS DOT maps
Enumerated_Domain_Value_Definition_Source: MARIS

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
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: stowns

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: 0.061

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

Metadata_Reference_Information:

Metadata_Date: 20090812

Metadata_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

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Country: USA

Contact_Voice_Telephone: (601) 432-6149

Contact_Facsimile_Telephone: (601) 432-6893

Contact_Electronic_Mail_Address: swalker@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

Metadata_Extensions:

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

Profile_Name: ESRI Metadata Profile

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