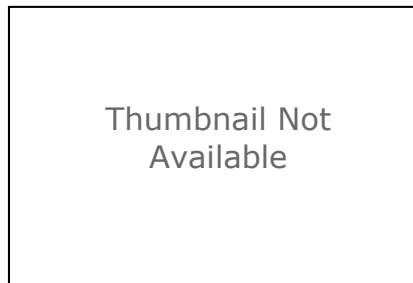


## MS\_USNG\_UTM16

Shapefile



Tags

USNG, MS

### Summary

The purpose of this data layer is to enable and promote the use of US National Grid as an "attributed polygon overlay" over other feature data layers in paper and digital maps.

### Description

This is a polygon feature data layer of United States National Grid (1000m x 1000m polygons ) constructed by the Center for Interdisciplinary Geospatial Information Technologies at Delta State University with support from the US Geological Survey under the Cooperative Agreement 07ERAG0083. For correct display, please set the base coordinate system and projection such that it matches the UTM zone for which these data were constructed using the NAD 83 datum. Further information about the US National Grid is available from <http://www.fgdc.gov/usng> and a viewing of these layers as applied to local geography may be seen at the National Map, <http://www.nationalmap.gov>. The name of each dataset has the following format - StateAbbv\_USNG\_UTMXX. For example, for the UTM zone 15 of Mississippi, the dataset is named MS\_USNG\_UTM15.

### Credits

Center for Interdisciplinary Geospatial Information Technologies, Delta State University, Cleveland Mississippi 38733

### Use limitations

The Information contained in this map was derived from a variety of public and private sources. The GIS Center and Delta State University make no warranties as to the completeness, accuracy, reliability or suitability of the source data or for any conclusions derived from this map. Use at your own risk.

### Extent

**West** -90.141839    **East** -88.017616  
**North** 35.076004    **South** 30.121641

### Scale Range

There is no scale range for this item.

### ArcGIS Metadata ►

## Topics and Keywords ▶

CONTENT TYPE Downloadable Data

PLACE KEYWORDS MS

THESAURUS ▶

TITLE Mississippi, United States

[Hide Thesaurus ▲](#)

THEME KEYWORDS USNG

THESAURUS ▶

TITLE US National Grid

[Hide Thesaurus ▲](#)

[Hide Topics and Keywords ▲](#)

## Citation ▶

\* TITLE MS\_USNG\_UTM16  
PUBLICATION DATE 2007-20-08

EDITION 1.0

PRESENTATION FORMATS \* digital map

[Hide Citation ▲](#)

## Citation Contacts ▶

RESPONSIBLE PARTY

ORGANIZATION'S NAME Center for Interdisciplinary Geospatial Information Technologies, Delta State University

CONTACT'S ROLE originator

[Hide Citation Contacts ▲](#)

## Resource Details ▶

DATASET LANGUAGES English (UNITED STATES)

STATUS completed

SPATIAL REPRESENTATION TYPE \* vector

\* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.5.1.7333

CREDITS

Center for Interdisciplinary Geospatial Information Technologies, Delta State University, Cleveland Mississippi 38733

ARCGIS ITEM PROPERTIES

\* NAME MS\_USNG\_UTM16

- \* SIZE 21.528
- \* LOCATION file:///\\DESKTOP-BQTINU6\E\$\MISSISSIPPI DATA\MS\_USNG\MS\_USNG\_UTM16.shp
- \* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

## Extents ►

### EXTENT

#### DESCRIPTION

publication date

#### TEMPORAL EXTENT

BEGINNING DATE 2007-01-01

ENDING DATE 2008-01-01

### EXTENT

#### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

\* WEST LONGITUDE -90.141839

\* EAST LONGITUDE -88.017616

\* NORTH LATITUDE 35.076004

\* SOUTH LATITUDE 30.121641

\* EXTENT CONTAINS THE RESOURCE Yes

### EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE 213392.479500

\* EAST LONGITUDE 402000.028000

\* SOUTH LATITUDE 3335999.962400

\* NORTH LATITUDE 3882000.037600

\* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

## Resource Points of Contact ►

### POINT OF CONTACT

INDIVIDUAL'S NAME Subramanian Swaminathan

ORGANIZATION'S NAME Center for Interdisciplinary Geospatial Information Technologies

CONTACT'S POSITION GIS Coordinator

CONTACT'S ROLE point of contact

#### CONTACT INFORMATION ►

##### PHONE

VOICE (662) 846 4522

FAX (662) 846 4099

##### ADDRESS

E-MAIL ADDRESS [sswaminathan@deltastate.edu](mailto:sswaminathan@deltastate.edu)

[Hide Contact information ▲](#)

[Hide Resource Points of Contact ▲](#)

## Resource Maintenance ►

## RESOURCE MAINTENANCE

UPDATE FREQUENCY not planned

[Hide Resource Maintenance ▲](#)**Resource Constraints ►**

## LEGAL CONSTRAINTS

## OTHER CONSTRAINTS

This data set should not be used for commercial purposes. It can be freely used for public good by academic and for emergency/disaster response. Please contact the Delta State GIS Center at 662 846 4522 for clarification.

## CONSTRAINTS

## LIMITATIONS OF USE

The Information contained in this map was derived from a variety of public and private sources. The GIS Center and Delta State University make no warranties as to the completeness, accuracy, reliability or suitability of the source data or for any conclusions derived from this map. Use at your own risk.

[Hide Resource Constraints ▲](#)**Spatial Reference ►**

## ARCgis COORDINATE SYSTEM

\* TYPE Projected

\* GEOGRAPHIC COORDINATE REFERENCE GCS\_North\_American\_1983

\* PROJECTION NAD\_1983\_UTM\_Zone\_16N

\* COORDINATE REFERENCE DETAILS

## PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 26916

X ORIGIN -5120900

Y ORIGIN -9998100

XY SCALE 450445547.3910538

Z ORIGIN -100000

Z SCALE 10000

M ORIGIN -100000

M SCALE 10000

XY TOLERANCE 0.001

Z TOLERANCE 0.001

M TOLERANCE 0.001

HIGH PRECISION true

LATEST WELL-KNOWN IDENTIFIER 26916

WELL-KNOWN TEXT PROJCS["NAD\_1983\_UTM\_Zone\_16N",GEOGCS  
 ["GCS\_North\_American\_1983",DATUM["D\_North\_American\_1983",SPHEROID  
 ["GRS\_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT  
 ["Degree",0.0174532925199433]],PROJECTION["Transverse\_Mercator"],PARAMETER  
 ["False\_Easting",500000.0],PARAMETER["False\_Northing",0.0],PARAMETER  
 ["Central\_Meridian",-87.0],PARAMETER["Scale\_Factor",0.9996],PARAMETER  
 ["Latitude\_Of\_Origin",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",26916]]

## REFERENCE SYSTEM IDENTIFIER

\* VALUE 26916

\* CODESPACE EPSG

\* VERSION 6.13(3.0.1)

[Hide Spatial Reference ▲](#)

## Spatial Data Properties ►

### VECTOR ►

\* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

#### GEOMETRIC OBJECTS

FEATURE CLASS NAME MS\_USNG\_UTM16

\* OBJECT TYPE composite

\* OBJECT COUNT 92611

[Hide Vector ▲](#)

### ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME MS\_USNG\_UTM16

\* FEATURE TYPE Simple

\* GEOMETRY TYPE Polygon

\* HAS TOPOLOGY FALSE

\* FEATURE COUNT 92611

\* SPATIAL INDEX FALSE

\* LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

## Data Quality ►

### SCOPE OF QUALITY INFORMATION ►

RESOURCE LEVEL dataset

[Hide Scope of quality information ▲](#)

[Hide Data Quality ▲](#)

## Lineage ►

[Hide Lineage ▲](#)

## Geoprocessing history ►

### PROCESS

DATE 2007-10-02 14:51:10

TOOL LOCATION F:\ARCGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\CopyFeatures

#### COMMAND ISSUED

CopyFeatures E:\Subbu\Databases\MS\_USNG\MS\_USNG\_Final.mdb\MS\_USNG\_UTM16

E:\Subbu\ADATA\MS\_USNG\MS\_USNG\_UTM16.shp # 0 0 0

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

[Hide Geoprocessing history ▲](#)

## Distribution ►

### DISTRIBUTOR ►

## ORDERING PROCESS

[Hide Distributor ▲](#)

## DISTRIBUTION FORMAT

\* NAME Shapefile

## TRANSFER OPTIONS

\* TRANSFER SIZE 21.528

[Hide Distribution ▲](#)**Fields ▶**

## DETAILS FOR OBJECT MS\_USNG\_UTM16 ▶

\* TYPE Feature Class

\* ROW COUNT 92611

## FIELD Shape ▶

\* ALIAS Shape

\* DATA TYPE Geometry

\* WIDTH 0

\* PRECISION 0

\* SCALE 0

\* FIELD DESCRIPTION  
Feature geometry.\* DESCRIPTION SOURCE  
ESRI\* DESCRIPTION OF VALUES  
Coordinates defining the features.[Hide Field Shape ▲](#)

## FIELD Northings ▶

\* DATA TYPE String

\* WIDTH 10

\* ALIAS Northings

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION  
Lower left Northings of the 1000m USNG Grid Box[Hide Field Northings ▲](#)

## FIELD Eastings ▶

\* DATA TYPE String

\* WIDTH 10

\* ALIAS Eastings

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

## Lower left Eastings of the 1000m USNG Grid Box

[Hide Field Eastings ▲](#)

## FIELD GRID100K ►

- \* DATA TYPE String
- \* WIDTH 2
- \* ALIAS GRID100K
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

100000m USNG Square ID

[Hide Field GRID100K ▲](#)

## FIELD GRID1MIL ►

- \* DATA TYPE String
- \* WIDTH 3
- \* ALIAS GRID1MIL
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

USNG Grid Zone Designator (GZD)

[Hide Field GRID1MIL ▲](#)

## FIELD Shape\_Area ►

- \* ALIAS Shape\_Area
- \* DATA TYPE Double
- \* WIDTH 19
- \* PRECISION 0
- \* SCALE 0
- \* FIELD DESCRIPTION

Area of feature in internal units squared.

- \* DESCRIPTION SOURCE
- ESRI

- \* DESCRIPTION OF VALUES

Positive real numbers that are automatically generated.

[Hide Field Shape\\_Area ▲](#)

## FIELD USNG ►

- \* ALIAS USNG
- \* DATA TYPE String
- \* WIDTH 15
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

The fully qualified USNG coordinate describing the lower left corner of a 1000-m x 1000m polygon (area)

[Hide Field USNG ▲](#)

FIELD FID ►

- \* ALIAS FID
- \* DATA TYPE OID
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0
- \* FIELD DESCRIPTION  
Internal feature number.
- \* DESCRIPTION SOURCE  
ESRI
- \* DESCRIPTION OF VALUES  
Sequential unique whole numbers that are automatically generated.

[Hide Field FID ▲](#)

FIELD Shape\_Leng ►

- \* ALIAS Shape\_Leng
- \* DATA TYPE Double
- \* WIDTH 19
- \* PRECISION 0
- \* SCALE 0

[Hide Field Shape\\_Leng ▲](#)

[Hide Details for object MS\\_USNG\\_UTM16 ▲](#)

[Hide Fields ▲](#)

## Metadata Details ►

METADATA LANGUAGE English (UNITED STATES)  
 METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset  
 SCOPE NAME \* dataset

\* LAST UPDATE 2019-03-06

ARCGIS METADATA PROPERTIES  
 METADATA FORMAT ArcGIS 1.0

CREATED IN ARCGIS FOR THE ITEM 2007-10-02 14:47:46  
 LAST MODIFIED IN ARCGIS FOR THE ITEM 2019-03-06 08:49:56

AUTOMATIC UPDATES  
 HAVE BEEN PERFORMED Yes  
 LAST UPDATE 2019-03-06 08:49:56



[Hide Metadata Details ▲](#)

## Metadata Contacts ►

### METADATA CONTACT

INDIVIDUAL'S NAME Subu Swaminathan  
 ORGANIZATION'S NAME Center for Interdisciplinary Geospatial Information Technologies  
 CONTACT'S POSITION GIS Coordinator  
 CONTACT'S ROLE point of contact

### CONTACT INFORMATION ►

#### PHONE

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FAX (662) 846 4099

#### ADDRESS

TYPE postal

DELIVERY POINT Box 3325, Delta State University

CITY Cleveland

ADMINISTRATIVE AREA Mississippi

POSTAL CODE 38733

COUNTRY US

E-MAIL ADDRESS [sswaminathan@deltastate.edu](mailto:sswaminathan@deltastate.edu)

[Hide Contact information ▲](#)[Hide Metadata Contacts ▲](#)

## Thumbnail and Enclosures ►

### ENCLOSURE

ENCLOSURE TYPE File

DESCRIPTION OF ENCLOSURE original metadata

ORIGINAL METADATA DOCUMENT, WHICH WAS TRANSLATED yes

SOURCE METADATA FORMAT fgdc

[Hide Thumbnail and Enclosures ▲](#)

## FGDC Metadata (read-only) ▼