

Mississippi 16th Section Lands

Shapefile

Thumbnail Not Available

Tags

Cadastral

Summary

to provide the polygons for the first divisions of the PLSS Township

Description

The PLSS First Division is commonly the section. This is the first set of divisions for a PLSS Township. Data digitized from USGS 7.5 minute topo maps (paper) dated between 1960 and 1989. Data contains survey district, section, township, range number attributes , and annotation. Data was merged to form the statewide file in 2005 and corrected using new USGS DRGS dated through 2004. Further corrections were made by MS Department of Transportation staff 2007/2008. Note: Attribute miscodings were found by Pete Kohn of the MS Development Authority and James Smith of the USDA/FSA - MS Office. Those corrections were made and incorporated into this version of the data set. Corrections to sections along the MS River in Washington and Issaquena Counties were made by MARIS staff in April 2010. These miscodes were found by Michael-Baker Engineering and Waggoner Engineering. ***** In 2014 - PLSS data extracted from Hancock, Harrison, Jackson, Pearl River, and Stone Counties in 2009 was substituted by the FGDC Cadastral Subcommittee to create a single data set with the state and county sourced data. Also in 2014, the Principal Meridian codes and other standardizations, such as type codes and descriptions, were completed on the entire data set to form a single seamless PLSS data set. Note that in MS, the Principal Meridian areas are sometimes called survey districts. ** November 2014 - This is a subset of the PLSSFirstDivision data set with the 16th Section polygons extracted into this layer. *****

Credits

FGDC Cadastral Subcommittee compiled and corrected data from MARIS, Hancock, Harrison, Jackson, Pearl River, and Stone Counties.

Use limitations

None

Extent

West -91.683234 **East** -88.129905

North 35.004975 **South** 30.240296

Scale Range

Maximum (zoomed in) 1:5,000

Minimum (zoomed out) 1:150,000,000

ArcGIS Metadata ►

Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE [planning](#)[Cadastre](#)

* CONTENT TYPE [Downloadable Data](#)

[EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION](#) [No](#)

Citation ►

TITLE Mississippi 16th Section Lands
CREATION DATE 2014-09-01 00:00:00

PRESENTATION FORMATS * digital map
FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

Resource Details ►

DATASET LANGUAGES * English (UNITED STATES)

SPATIAL REPRESENTATION TYPE * vector

* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.2.0.3348

CREDITS

FGDC Cadastral Subcommittee compiled and corrected data from MARIS, Hancock, Harrison, Jackson, Pearl River, and Stone Counties.

ARCGIS ITEM PROPERTIES

* NAME PLSS_16th
* SIZE 0.251
* LOCATION file://\SWALKER-PC\E\$\DATA\New_PLSS2014\PLSS_16th.shp
* ACCESS PROTOCOL Local Area Network

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -91.683234

* EAST LONGITUDE -88.129905

* NORTH LATITUDE 35.004975

* SOUTH LATITUDE 30.240296

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 323514.084400

* EAST LONGITUDE 647888.144800

* SOUTH LATITUDE 1050917.555900

* NORTH LATITUDE 1577800.577000

* EXTENT CONTAINS THE RESOURCE Yes

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

None

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
- * PROJECTION NAD_1983_Mississippi_TM
- * COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 102609
X ORIGIN -5122200
Y ORIGIN -12297100
XY SCALE 450339697.45066422
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 3814

WELL-KNOWN TEXT

PROJCS["NAD_1983_Mississippi_TM",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",1300000.0],PARAMETER["Central_Meridian",-89.75],PARAMETER["Scale_Factor",0.9998335],PARAMETER["Latitude_Of_Origin",32.5],UNIT["Meter",1.0],AUTHORITY["EPSG",3814]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 3814
- * CODESPACE EPSG
- * VERSION 8.1.1

Spatial Data Properties ►

VECTOR ►

- * LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME PLSS_16th
* OBJECT TYPE composite
* OBJECT COUNT 1352

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME PLSS_16th
* FEATURE TYPE Simple
* GEOMETRY TYPE Polygon
* HAS TOPOLOGY FALSE

- * FEATURE COUNT 1352
- * SPATIAL INDEX TRUE
- * LINEAR REFERENCING FALSE

Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION

INDIVIDUAL'S NAME Steve Walker
ORGANIZATION'S NAME MARIS
CONTACT'S POSITION GIS Operations Manager
CONTACT'S ROLE distributor

DISTRIBUTION FORMAT

* NAME Shapefile
VERSION ISO 19115-2003

DISTRIBUTION FORMAT

NAME Shapefile
VERSION ISO 19115-2003

TRANSFER OPTIONS

* TRANSFER SIZE 0.251

Fields ►

DETAILS FOR OBJECT PLSS_16th ►

* TYPE Feature Class
* ROW COUNT 1352

DEFINITION

The PLSS First Division is commonly the section. This is the first set of divisions for a PLSS Township.

DEFINITION SOURCE

FGDC

FIELD OBJECTID ►

* ALIAS OBJECTID
* DATA TYPE Integer
* WIDTH 9
* PRECISION 9
* SCALE 0
* FIELD DESCRIPTION
Internal feature number.

* DESCRIPTION SOURCE

ESRI

* DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

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.

FIELD OBJECTID_1 ▶

* ALIAS OBJECTID_1

* DATA TYPE Integer

* WIDTH 9

* PRECISION 9

* SCALE 0

* FIELD DESCRIPTION

Internal feature number.

* DESCRIPTION SOURCE

Esri

* DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

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.

FIELD OBJECTID_2 ▶

* ALIAS OBJECTID_2
* DATA TYPE Integer
* WIDTH 9
* PRECISION 9
* SCALE 0

FIELD FRSTDIVDUP ▶

* ALIAS FRSTDIVDUP
* DATA TYPE String
* WIDTH 1
* PRECISION 0
* SCALE 0
* FIELD DESCRIPTION

This is a code to indicate whether the first division is a duplicated area or identifier

DESCRIPTION SOURCE
FGDC

FIELD FID_PLSSFi ▶

* ALIAS FID_PLSSFi
* DATA TYPE Integer
* WIDTH 9
* PRECISION 9
* SCALE 0

FIELD FRSTDIVID ▶

* ALIAS FRSTDIVID
* DATA TYPE String
* WIDTH 22
* PRECISION 0
* SCALE 0
* FIELD DESCRIPTION

This is a unique identifier for the first division that is built by appending the first division elements on the Township identifier.

DESCRIPTION SOURCE
FGDC

FIELD **FRSTDIVNO** ▶

- * ALIAS FRSTDIVNO
- * DATA TYPE String
- * WIDTH 10
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION

This is the number, letter or designator for the first division of the PLSS Township

DESCRIPTION SOURCE
FGDC

FIELD **FRSTDIVTXT** ▶

- * ALIAS FRSTDIVTXT
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION

This is the first division type as a text field

DESCRIPTION SOURCE
FGDC

FIELD **FRSTDIVTYP** ▶

- * ALIAS FRSTDIVTYP
- * DATA TYPE String
- * WIDTH 2
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION

This is the type of first division and is commonly the section but may be a lot, parcel, tract or other division.

DESCRIPTION SOURCE
FGDC

FIELD PLSSID ►

- * ALIAS PLSSID
- * DATA TYPE String
- * WIDTH 16
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION

This is the unique identifier for the PLSS Township in which the first division is located. Concatenation of the principal meridian, township, range, and duplication code that form a unique identifier for the township.

DESCRIPTION SOURCE
FGDC

FIELD SURVTYP ►

- * ALIAS SURVTYP
- * DATA TYPE String
- * WIDTH 2
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION

Code for the type of special survey typically from the codes for the BLM data collection. Used in this feature to indicate if the feature is unsurveyed or unprotracted.

DESCRIPTION SOURCE
FGDC

FIELD SURVTYPTXT ►

- * ALIAS SURVTYPTXT
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION

The description of the survey type code. There may be a description of the survey type, or survey status in the case of this feature, without a code.

DESCRIPTION SOURCE
FGDC

FIELD PRINMER ►

- * ALIAS PRINMER
- * DATA TYPE String
- * WIDTH 40
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION

Name of Principal Meridian

DESCRIPTION SOURCE
FGDC

FIELD TWNSHPLAB ►

- * ALIAS TWNSHPLAB
- * DATA TYPE String
- * WIDTH 20
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION
Township designation

DESCRIPTION SOURCE
FGDC

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.

FIELD SHAPE_Leng ►

- * ALIAS SHAPE_Leng
- * DATA TYPE Double
- * WIDTH 19
- * PRECISION 0
- * SCALE 0

FIELD Shape_Le_1 ►

- * ALIAS Shape_Le_1

- * DATA TYPE Double
- * WIDTH 19
- * PRECISION 0
- * SCALE 0

FIELD Shape_Le_2 ▶

- * ALIAS Shape_Le_2
- * DATA TYPE Double
- * WIDTH 19
- * PRECISION 0
- * SCALE 0

FIELD FRSTDIVLAB ▶

- * ALIAS FRSTDIVLAB
- * DATA TYPE String
- * WIDTH 20
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

This is the label for the first division that is used for cartographic of web display purposes

DESCRIPTION SOURCE

FGDC

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 2014-11-07

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

METADATA STYLE ISO 19139 Metadata Implementation Specification

CREATED IN ARCGIS FOR THE ITEM 2014-11-07 09:38:51

LAST MODIFIED IN ARCGIS FOR THE ITEM 2014-11-07 09:43:23

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2014-11-07 09:43:23

Metadata Contacts ▶

METADATA CONTACT

INDIVIDUAL'S NAME Nancy Von Meyer
ORGANIZATION'S NAME FGDC Cadastral Subcommittee
CONTACT'S ROLE principal investigator

CONTACT INFORMATION ▶

ADDRESS
TYPE
E-MAIL ADDRESS nvonmeyer@nationalcad.org

METADATA CONTACT

INDIVIDUAL'S NAME Steve Walker
ORGANIZATION'S NAME MARIS
CONTACT'S POSITION GIS Operations Manager
CONTACT'S ROLE distributor

CONTACT INFORMATION ▶

PHONE
VOICE 601-432-6149

ADDRESS

TYPE physical
DELIVERY POINT 3825 Ridgewood Rd
CITY Jackson
ADMINISTRATIVE AREA MS
POSTAL CODE 39211
COUNTRY US
E-MAIL ADDRESS swalker@mississippi.edu

HOURS OF SERVICE

7 - 3 CDT

CITATION

CITATION INFORMATION

ORIGINATOR REQUIRED: The name of an organization or individual that developed the data set.

PUBLICATION DATE REQUIRED: The date when the data set is published or otherwise made available for release.

TITLE

PLSSFirstDivision

GEOSPATIAL DATA PRESENTATION FORM vector digital data

ONLINE LINKAGE \\MENTOS\Workspace\temp\prj_template.gdb

DESCRIPTION

ABSTRACT

The PLSS First Division is commonly the section. This is the first set of divisions for a PLSS Township.

PURPOSE

to provide the polygons for the first divisions of the PLSS Township

TIME PERIOD OF CONTENT

TIME PERIOD INFORMATION

SINGLE DATE/TIME

CALENDAR DATE REQUIRED: The year (and optionally month, or month and day) for which the data set corresponds to the ground.

CURRENTNESS REFERENCE

REQUIRED: The basis on which the time period of content information is determined.

SPATIAL DOMAIN

BOUNDING COORDINATES

WEST BOUNDING COORDINATE NaN

EAST BOUNDING COORDINATE NaN

NORTH BOUNDING COORDINATE NaN

SOUTH BOUNDING COORDINATE NaN

KEYWORDS

THEME

THEME KEYWORD THESAURUS ESRI Data Models

THEME KEYWORD Cadastral

NATIVE DATA SET ENVIRONMENT

Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 3; ESRI ArcCatalog 9.3.0.1770

LINEAGE

PROCESS STEP

PROCESS DESCRIPTION

Dataset copied.

SOURCE USED CITATION ABBREVIATION

\\MENTOS\Workspace\temp\prj_template.gdb

PROCESS DATE 2010-12-15

PROCESS TIME 14:07:16

HORIZONTAL COORDINATE SYSTEM DEFINITION

GEODETIC MODEL

HORIZONTAL DATUM NAME D_WGS_1984

ELLIPSOID NAME WGS_1984

SEMI-MAJOR AXIS 6378137.000000

DENOMINATOR OF FLATTENING RATIO 298.257224

VERTICAL COORDINATE SYSTEM DEFINITION

ALTITUDE SYSTEM DEFINITION

ALTITUDE RESOLUTION 0.000003

ALTITUDE ENCODING METHOD Explicit elevation coordinate included with horizontal coordinates

DETAILED DESCRIPTION

ENTITY TYPE

ENTITY TYPE LABEL PLSS_16th

ENTITY TYPE DEFINITION

The PLSS First Division is commonly the section. This is the first set of divisions for a PLSS Township.

ENTITY TYPE DEFINITION SOURCE FGDC

ATTRIBUTE

ATTRIBUTE LABEL OBJECTID

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 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 OBJECTID_1
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 OBJECTID_2

ATTRIBUTE
ATTRIBUTE LABEL FRSTDIVDUP
ATTRIBUTE DEFINITION
This is a code to indicate whether the first division is a duplicated area or identifier
ATTRIBUTE DEFINITION SOURCE FGDC

ATTRIBUTE
ATTRIBUTE LABEL FID_PLSSFi

ATTRIBUTE
ATTRIBUTE LABEL FRSTDIVID
ATTRIBUTE DEFINITION
This is a unique identifier for the first division that is built by appending the first
division elements on the Township identifier.
ATTRIBUTE DEFINITION SOURCE FGDC

ATTRIBUTE
ATTRIBUTE LABEL FRSTDIVNO
ATTRIBUTE DEFINITION
This is the number, letter or designator for the first division of the PLSS Township
ATTRIBUTE DEFINITION SOURCE FGDC

ATTRIBUTE
ATTRIBUTE LABEL FRSTDIVTXT
ATTRIBUTE DEFINITION
This is the first division type as a text field

ATTRIBUTE DEFINITION SOURCE FGDC

ATTRIBUTE

ATTRIBUTE LABEL FRSTDIVTYP

ATTRIBUTE DEFINITION

This is the type of first division and is commonly the section but may be a lot, parcel, tract or other division.

ATTRIBUTE DEFINITION SOURCE FGDC

ATTRIBUTE

ATTRIBUTE LABEL PLSSID

ATTRIBUTE DEFINITION

This is the unique identifier for the PLSS Township in which the first division is located. Concatenation of the principal meridian, township, range, and duplication code that form a unique identifier for the township.

ATTRIBUTE DEFINITION SOURCE FGDC

ATTRIBUTE

ATTRIBUTE LABEL SURVTYP

ATTRIBUTE DEFINITION

Code for the type of special survey typically from the codes for the BLM data collection. Used in this feature to indicate if the feature is unsurveyed or unprotracted.

ATTRIBUTE DEFINITION SOURCE FGDC

ATTRIBUTE

ATTRIBUTE LABEL SURVTYPTXT

ATTRIBUTE DEFINITION

The description of the survey type code. There may be a description of the survey type, or survey status in the case of this feature, without a code.

ATTRIBUTE DEFINITION SOURCE FGDC

ATTRIBUTE

ATTRIBUTE LABEL PRINMER

ATTRIBUTE DEFINITION

Name of Principal Meridian

ATTRIBUTE DEFINITION SOURCE FGDC

ATTRIBUTE

ATTRIBUTE LABEL TWNSHPLAB

ATTRIBUTE DEFINITION

Township designation

ATTRIBUTE DEFINITION SOURCE FGDC

ATTRIBUTE

ATTRIBUTE LABEL SHAPE_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 SHAPE_Leng

ATTRIBUTE

ATTRIBUTE LABEL Shape_Le_1

ATTRIBUTE

ATTRIBUTE LABEL Shape_Le_2

ATTRIBUTE

ATTRIBUTE LABEL FRSTDIVLAB

ATTRIBUTE DEFINITION

This is the label for the first division that is used for cartographic of web display purposes

ATTRIBUTE DEFINITION SOURCE FGDC

RESOURCE DESCRIPTION Downloadable Data

METADATA DATE 2010-05-05

METADATA CONTACT

CONTACT INFORMATION

CONTACT ORGANIZATION PRIMARY

CONTACT ORGANIZATION REQUIRED: The organization responsible for the metadata information.

CONTACT PERSON REQUIRED: The person responsible for the metadata information.

CONTACT ADDRESS

ADDRESS TYPE REQUIRED: The mailing and/or physical address for the organization or individual.

CITY REQUIRED: The city of the address.

STATE OR PROVINCE REQUIRED: The state or province of the address.

POSTAL CODE REQUIRED: The ZIP or other postal code of the address.

CONTACT VOICE TELEPHONE REQUIRED: The telephone number by which individuals can speak to the organization or individual.

METADATA STANDARD NAME FGDC Content Standards for Digital Geospatial Metadata

METADATA STANDARD VERSION FGDC-STD-001-1998

METADATA TIME CONVENTION local time