

PLSSTownship

Shapefile



Tags

planning Cadastre, Cadastral, plss, plss townships, Mississippi

Summary

these are the graphic displays of the PLSS Townships

The data from the State of Mississippi was digitized from USGS quad sheets and provided by the State of Mississippi. Special Surveys and areas that were not part of the original public lands survey were originally included in the PLSS data set. These areas were reclassified as possible into more correct feature classes and standard naming and coding were added to the data set. Areas around water bodies need to be further verified. Data from the BLM was captured by USFS and BLM and computed using the BLM's GMM program. The data was then best fit to the State of Mississippi on the boundaries. Data from counties were used to update PLSS polygons and provide second division polygons where possible

Description

In the Public Land Survey System a Township refers to a unit of land, that is nominally six miles on a side, usually containing 36 sections.

Credits

BLM Eastern States Cadastral, State of Mississippi, for Hancock, Jackson, Harrison, Pearl River, and Stone counties, Mississippi, FGDC Cadastral Subcommittee

Use limitations

This data is for GIS and mapping purposes and is not intended to support or replace land survey data or the information provided by land survey.

Extent

West -91.737338 **East** -88.095764

North 35.005479 **South** 30.160149

Scale Range

Maximum (zoomed in) 1:5,000

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

[ArcGIS Metadata](#) ►

[Topics and Keywords](#) ►

* **CONTENT TYPE** Downloadable Data

[Hide Topics and Keywords](#) ▲

Citation ►

* TITLE PLSSTownship

PRESENTATION FORMATS * digital map

[Hide Citation ▲](#)

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 10.4.0.5524

CREDITS

BLM Eastern States Cadastral, State of Mississippi, for Hancock, Jackson, Harrison, Pearl River, and Stone counties, Mississippi, FGDC Cadastral Subcommittee

ARCGIS ITEM PROPERTIES

* NAME PLSSTownship

* SIZE 2.059

* LOCATION file:///\\SWALKER-

PC\E\$\DATA\PLS2014andnewer\October2016_Release\webdata\mstm\PLSSTownship.shp

* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -91.737338

* EAST LONGITUDE -88.095764

* NORTH LATITUDE 35.005479

* SOUTH LATITUDE 30.160149

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 318573.386583

* EAST LONGITUDE 651004.918701

* SOUTH LATITUDE 1042110.321072

* NORTH LATITUDE 1577856.479596

* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

This data is for GIS and mapping purposes and is not intended to support or replace land survey data or the information provided by land survey.

[Hide Resource Constraints ▲](#)

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 6.17.1(10.0.0)

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME PLSSTownship

* OBJECT TYPE composite

* OBJECT COUNT 1549

[Hide Vector ▲](#)

ARCgis FEATURE CLASS PROPERTIES ▶

FEATURE CLASS NAME PLSSTownship
* FEATURE TYPE Simple
* GEOMETRY TYPE Polygon
* HAS TOPOLOGY FALSE
* FEATURE COUNT 1549
* SPATIAL INDEX TRUE
* LINEAR REFERENCING FALSE

Hide ArcGIS Feature Class Properties ▲

Hide Spatial Data Properties ▲

Geoprocessing history ▶

Hide Geoprocessing history ▲

Distribution ▶

DISTRIBUTOR ▶

AVAILABLE FORMAT

* NAME File Geodatabase Feature Class

TRANSFER OPTIONS

ONLINE SOURCE

* LOCATION file:///\\MENTOS\Workspace\temp\prj_template.gdb
* ACCESS PROTOCOL Local Area Network
* DESCRIPTION Downloadable Data

Hide Distributor ▲

DISTRIBUTION FORMAT

* NAME Shapefile

TRANSFER OPTIONS

* TRANSFER SIZE 2.059

Hide Distribution ▲

Fields ▶

DETAILS FOR OBJECT PLSSTownship ▶

* TYPE Feature Class
* ROW COUNT 1549

DEFINITION

In the Public Land Survey System a Township refers to a unit of land, that is nominally six miles on a side, usually containing 36 sections.

FIELD OBJECTID ►

- * ALIAS OBJECTID
- * DATA TYPE Integer
- * WIDTH 10
- * PRECISION 10
- * SCALE 0
- * FIELD DESCRIPTION

Internal feature number.

- * DESCRIPTION SOURCE
ESRI

- * DESCRIPTION OF VALUES
Sequential unique whole numbers that are automatically generated.

Hide Field OBJECTID ▲

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 ►

- * 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 PLSSID ►

- * ALIAS PLSSID
- * DATA TYPE String
- * WIDTH 16
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Concatenation of the principal meridian, township, range, and duplication code that form a unique id.

Hide Field PLSSID ▲

FIELD PRINMER ►

- * ALIAS PRINMER
- * DATA TYPE String
- * WIDTH 40
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Principal meridian name as a text

Hide Field PRINMER ▲

FIELD PRINMERCDCD ►

- * ALIAS PRINMERCDCD
- * DATA TYPE String
- * WIDTH 2
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Principal meridian code from the BLM PM Code list

Hide Field PRINMERCDCD ▲

FIELD RANGEDIR ►

- * ALIAS RANGEDIR
- * DATA TYPE String
- * WIDTH 1
- * PRECISION 0
- * SCALE 0

* **FIELD DESCRIPTION**

Range direction. The direction of a column of townships from a Public Land Survey System Origin. These are typically East or West in the west but may be north or south in Ohio

Hide Field RANGEDIR ▲

FIELD RANGEFRAC ►

* **ALIAS** RANGEFRAC

* **DATA TYPE** String

* **WIDTH** 1

* **PRECISION** 0

* **SCALE** 0

* **FIELD DESCRIPTION**

Range fraction. Range Fractions are created when there are gaps between surveyed Township boundaries or due to excess size in Townships that arose from executing original surveys.

Hide Field RANGEFRAC ▲

FIELD RANGENO ►

* **ALIAS** RANGENO

* **DATA TYPE** String

* **WIDTH** 3

* **PRECISION** 0

* **SCALE** 0

* **FIELD DESCRIPTION**

Range number. The Range Number indicates the number of columns of townships, east or west from a Public Land Survey System Origin.

Hide Field RANGENO ▲

FIELD SRVNAME ►

* **ALIAS** SRVNAME

* **DATA TYPE** String

* **WIDTH** 60

* **PRECISION** 0

* **SCALE** 0

FIELD DESCRIPTION

A common or otherwise recognized name for a portion of area of a PLSS Survey, for example the refugee lands in Ohio or in cases where a PLSS Township has a recognized name.

Hide Field SRVNAME ▲

FIELD STATEABBR ►

* **ALIAS** STATEABBR

* **DATA TYPE** String

- * WIDTH 2
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
State abbreviation code two letter postal code

[Hide Field STATEABBR ▲](#)

FIELD TWNSHPDIR ►

- * ALIAS TWNSHPDIR
- * DATA TYPE String
- * WIDTH 1
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Township direction. The direction of a row of Townships from a Public Land Survey System Origin. These are typically North and South in the West but may be East and West in Ohio

[Hide Field TWNSHPDIR ▲](#)

FIELD TWNSHPDPCD ►

- * ALIAS TWNSHPDPCD
- * DATA TYPE String
- * WIDTH 1
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
If there are multiple townships in a Public Land Survey System Origin, State and Survey Name, the Township Duplicate Status is used to establish uniqueness. When more than one Public Land Survey System Township has the same Township and Range numbers and directions and fractions, and are in the same State, this attribute is used to distinguish among duplicate values. A is the first duplicate, B the second etc. A 0 in this field indicates no duplicates

[Hide Field TWNSHPDPCD ▲](#)

FIELD TWNSHPFRAC ►

- * ALIAS TWNSHPFRAC
- * DATA TYPE String
- * WIDTH 1
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Township fraction. Township Fractions are created when there are gaps between surveyed Township boundaries or due to excess size in Townships that arose from executing original surveys.

[Hide Field TWNSHPFRAC ▲](#)

FIELD TWNSHPLAB ►

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

Township label that is used for cartographic output or web display

Hide Field TWNSHPLAB ▲

FIELD TWNSHPNO ►

- * ALIAS TWNSHPNO
- * DATA TYPE String
- * WIDTH 3
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION

Township number. The Township Number indicates the number of rows of townships, north or south from a Public Land Survey System Origin.

Hide Field TWNSHPNO ▲

FIELD SURVTYP ►

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

FIELD DESCRIPTION

Code of the type of special survey, typically these are the codes described in the BLM data collection as survey type codes

Hide Field SURVTYP ▲

FIELD SURVTYPTXT ►

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

FIELD DESCRIPTION

Special survey type text description, for interpreting the codes

Hide Field SURVTYPTXT ▲

FIELD SHAPE_Leng ▶

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

Hide Field SHAPE_Leng ▲

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 ▲

Hide Details for object PLSSTownship ▲

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 2016-10-21

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0
STANDARD OR PROFILE USED TO EDIT METADATA FGDC
METADATA STYLE ISO 19139 Metadata Implementation Specification

CREATED IN ARCGIS FOR THE ITEM 2016-10-21 07:41:43

LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-10-21 07:51:09

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2016-10-21 07:51:09

[Hide Metadata Details ▲](#)

Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)

FGDC Metadata (read-only) ▼

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

PLSSTownship

GEOSPATIAL DATA PRESENTATION FORM vector digital data

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

DESCRIPTION

ABSTRACT

In the Public Land Survey System a Township refers to a unit of land, that is nominally six miles on a side, usually containing 36 sections.

PURPOSE

these are the graphic displays of the PLSS Townships

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 Vista Version 6.1 (Build 7600) ; ESRI ArcCatalog 9.3.1.4000

Hide Identification ▲

LINEAGE
PROCESS STEP
PROCESS DESCRIPTION
Dataset copied.
SOURCE USED CITATION ABBREVIATION
\\MENTOS\WorkSpace\temp\prj_template.gdb
PROCESS DATE 2010-12-15
PROCESS TIME 14:07:18

Hide Data Quality ▲

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

Hide Spatial Reference ▲

DETAILED DESCRIPTION
ENTITY TYPE
ENTITY TYPE LABEL PLSSTownship
ENTITY TYPE DEFINITION
In the Public Land Survey System a Township refers to a unit of land, that is nominally six miles on a side, usually containing 36 sections.

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 SHAPE
ATTRIBUTE DEFINITION
Feature geometry.
ATTRIBUTE DEFINITION SOURCE ESRI
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN

Coordinates defining the features.

ATTRIBUTE

ATTRIBUTE LABEL PLSSID

ATTRIBUTE DEFINITION

Concatenation of the principal meridian, township, range, and duplication code that form a unique id.

ATTRIBUTE

ATTRIBUTE LABEL PRINMER

ATTRIBUTE DEFINITION

Principal meridian name as a text

ATTRIBUTE

ATTRIBUTE LABEL PRINMERC

ATTRIBUTE DEFINITION

Principal meridian code from the BLM PM Code list

ATTRIBUTE

ATTRIBUTE LABEL RANGEDIR

ATTRIBUTE DEFINITION

Range direction. The direction of a column of townships from a Public Land Survey System Origin. These are typically East or West in the west but may be north or south in Ohio

ATTRIBUTE

ATTRIBUTE LABEL RANGEFRAC

ATTRIBUTE DEFINITION

Range fraction. Range Fractions are created when there are gaps between surveyed Township boundaries or due to excess size in Townships that arose from executing original surveys.

ATTRIBUTE

ATTRIBUTE LABEL RANGENO

ATTRIBUTE DEFINITION

Range number. The Range Number indicates the number of columns of townships, east or west from a Public Land Survey System Origin.

ATTRIBUTE

ATTRIBUTE LABEL SRVNAME

ATTRIBUTE DEFINITION

A common or otherwise recognized name for a portion of area of a PLSS Survey, for example the refugee lands in Ohio or in cases where a PLSS Township has a recognized name.

ATTRIBUTE

ATTRIBUTE LABEL STATEABBR

ATTRIBUTE DEFINITION

State abbreviation code two letter postal code

ATTRIBUTE

ATTRIBUTE LABEL TWNSHPDIR

ATTRIBUTE DEFINITION

Township direction. The direction of a row of Townships from a Public Land Survey System Origin. These are typically North and South in the West but may be East and West in Ohio

ATTRIBUTE

ATTRIBUTE LABEL TWNSHPDPCD

ATTRIBUTE DEFINITION

If there are multiple townships in a Public Land Survey System Origin, State and Survey Name, the Township Duplicate Status is used to establish uniqueness. When more than one Public Land Survey System Township has the same Township and Range numbers and directions and fractions, and are in the same State, this attribute is used to distinguish among duplicate values. A is the first duplicate, B the second etc. A 0 in this field indicates no duplicates

ATTRIBUTE

ATTRIBUTE LABEL TWNSHPFRAC

ATTRIBUTE DEFINITION

Township fraction. Township Fractions are created when there are gaps between surveyed Township boundaries or due to excess size in Townships that arose from executing original surveys.

ATTRIBUTE

ATTRIBUTE LABEL TWNSHPLAB

ATTRIBUTE DEFINITION

Township label that is used for cartographic output or web display

ATTRIBUTE

ATTRIBUTE LABEL TWNSHPNO

ATTRIBUTE DEFINITION

Township number. The Township Number indicates the number of rows of townships, north or south from a Public Land Survey System Origin.

ATTRIBUTE

ATTRIBUTE LABEL SURVTYP

ATTRIBUTE DEFINITION

Code of the type of special survey, typically these are the codes described in the BLM data collection as survey type codes

ATTRIBUTE

ATTRIBUTE LABEL SURVTYPTXT

ATTRIBUTE DEFINITION

Special survey type text description, for interpreting the codes

ATTRIBUTE

ATTRIBUTE LABEL SHAPE_Leng

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.

[Hide Entities and Attributes ▲](#)

RESOURCE DESCRIPTION Downloadable Data

[Hide Distribution Information ▲](#)

METADATA DATE 2010-12-15

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

[Hide Metadata Reference ▲](#)