

PLSSSecondDivision

Shapefile



Tags

planningCadastre, cadastral reference, cadastral, survey system, plss, Mississippi

Summary

The fully intersected data is the atomic level of the PLSS that is similar to the coverage or the smallest pieces used to build the PLSS. Polygons may overlap in this feature class. 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

The fully intersected data is the atomic level of the PLSS that is similar to the coverage or the smallest pieces used to build the PLSS. Polygons may overlap in this feature class.

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 -91.009809 **East** -88.361263

North 34.996400 **South** 30.378633

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 PLSSSecondDivision

PRESENTATION FORMATS digital map

[Hide Citation ▲](#)

Resource Details ►

DATASET LANGUAGES * English ()

DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

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 PLSSSecondDivision

* SIZE 26.135

* LOCATION file:///\\SWALKER-

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

* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -91.009809

* EAST LONGITUDE -88.361263

* NORTH LATITUDE 34.996400

* SOUTH LATITUDE 30.378633

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 384996.101965

* EAST LONGITUDE 626776.209550

* SOUTH LATITUDE 1065566.268042

* NORTH LATITUDE 1576849.355648

* 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 PLSSSecondDivision

* OBJECT TYPE composite

* OBJECT COUNT 196032

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME PLSSSecondDivision
* FEATURE TYPE Simple
* GEOMETRY TYPE Polygon
* HAS TOPOLOGY FALSE
* FEATURE COUNT 196032
* SPATIAL INDEX TRUE
* LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

Geoprocessing history ►

PROCESS

DATE 2016-10-19 16:30:23
TOOL LOCATION c:\program files (x86)\arcgis\desktop10.4\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
CalculateField PLSSIntersected FRSTDIVID "[PLSSID]& [FRSTDIVTYP]& [FRSTDIVNO]& [FRSTDIVDUP]" VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS

DATE 2016-10-20 10:11:29
TOOL LOCATION c:\program files (x86)\arcgis\desktop10.4\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
CalculateField PLSSIntersected SECDIVNO "S2" VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS

DATE 2016-10-20 10:13:32
TOOL LOCATION c:\program files (x86)\arcgis\desktop10.4\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
CalculateField PLSSIntersected SECDIVNO "W2" VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS

DATE 2016-10-20 11:03:49
TOOL LOCATION c:\program files (x86)\arcgis\desktop10.4\ArcToolbox\Toolboxes\Data Management Tools.tbx\Dissolve
COMMAND ISSUED
Dissolve PLSSIntersected E:\GISData\CadNSDI-
Version2\MS\MS_CadNSDI_V2.gdb\CadastralReference\PLSSSecondDiv_Update
PLSSID;FRSTDIVID;SECDIVID;SECDIVTYP;SECDIVTXT;SECDIVNO;SECDIVSUF;SECDIVNOTE;
SECDIVLAB;SURVTYP;SURVTYPTXT;RECRDAREATX;RECRDAREANO;GISACRE;REVISEDDATE #
MULTI_PART DISSOLVE_LINES

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

[Hide Geoprocessing history ▲](#)

Distribution ►

DISTRIBUTOR ►

AVAILABLE FORMAT

* NAME File Geodatabase Feature Class

TRANSFER OPTIONS

ONLINE SOURCE

* LOCATION

file:///\\192.168.100.195\nitro\projects\CadNSDI\template\schemanew20101214\template83.gdb

* ACCESS PROTOCOL Local Area Network

* DESCRIPTION Downloadable Data

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

* NAME Shapefile

TRANSFER OPTIONS

* TRANSFER SIZE 26.135

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT [PLSSSecondDivision](#) ►

* TYPE Feature Class

* ROW COUNT 196032

DEFINITION

The fully intersected data is the atomic level of the PLSS that is similar to the coverage or the smallest pieces used to build the PLSS. Polygons may overlap in this feature class.

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 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 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 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.

[Hide Field FRSTDIVID ▲](#)

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 SECDIVID ►

* ALIAS SECDIVID

* DATA TYPE String

* WIDTH 50

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Unique identifier for the second division.

[Hide Field SECDIVID ▲](#)

FIELD SECDIVLAB ►

* ALIAS SECDIVLAB

* DATA TYPE String

* WIDTH 50

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

PLSS Second Division label for cartographic output or web display.

[Hide Field SECDIVLAB ▲](#)

FIELD SECDIVNO ►

* ALIAS SECDIVNO

* DATA TYPE String

* WIDTH 50

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Second division number or aliquot part reference.

Hide Field SECDIVNO ▲

FIELD SECDIVNOTE ►

* ALIAS SECDIVNOTE

* DATA TYPE String

* WIDTH 50

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Notes about the second division of the PLSS such as R for replaced or other notes about the use and interpretation of the second division information

Hide Field SECDIVNOTE ▲

FIELD SECDIVSUF ►

* ALIAS SECDIVSUF

* DATA TYPE String

* WIDTH 10

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Second division suffix used to identify duplicates or suffix to the name

Hide Field SECDIVSUF ▲

FIELD SECDIVTYP ►

* ALIAS SECDIVTYP

* DATA TYPE String

* WIDTH 1

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Code for the type of second division.

Hide Field SECDIVTYP ▲

FIELD SURVTYP ►

* ALIAS SURVTYP

* DATA TYPE String

* WIDTH 2

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Code of the type of special survey.

[Hide Field SURVTYP ▲](#)

FIELD SURVTYPTXT ►

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

FIELD DESCRIPTION

Special survey type text description.

[Hide Field SURVTYPTXT ▲](#)

FIELD SECDIVTXT ►

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

FIELD DESCRIPTION

Second division type text description

[Hide Field SECDIVTXT ▲](#)

FIELD RECRDAREAT ►

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

[Hide Field RECRDAREAT ▲](#)

FIELD RECRDAREAN ►

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

[Hide Field RECRDAREAN ▲](#)

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 REVISEDAT ►

* ALIAS REVISEDAT

* DATA TYPE Date

* WIDTH 8

* PRECISION 0

* SCALE 0

Hide Field REVISEDAT ▲

FIELD SHAPE_Leng ►

* ALIAS SHAPE_Leng

* DATA TYPE Double

* WIDTH 19

* PRECISION 0

* SCALE 0

Hide Field SHAPE_Leng ▲

FIELD GISACRE ►

* ALIAS GISACRE

* DATA TYPE Double

* WIDTH 19

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

The area of the feature in acres - computed from the GIS, this is not the record area.

Hide Field GISACRE ▲

Hide Details for object PLSSSecondDivision ▲

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 07:41:38

LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-10-21 07:49:30

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2016-10-21 07:49:30

[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

PLSSIntersected

GEOSPATIAL DATA PRESENTATION FORM vector digital data

ONLINE LINKAGE

\\192.168.100.195\nitro\projects\CadNSDI\template\schemanew20101214\templat
e83.gdb

DESCRIPTION

ABSTRACT

The fully intersected data is the atomic level of the PLSS that is similar to the coverage or the smallest pieces used to build the PLSS. Polygons may overlap in this feature class.

PURPOSE

The fully intersected data is the atomic level of the PLSS that is similar to the coverage or the smallest pieces used to build the PLSS. Polygons may overlap in this feature class.

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.

STATUS

PROGRESS REQUIRED: The state of the data set.

MAINTENANCE AND UPDATE FREQUENCY REQUIRED: The frequency with which changes and additions are made to the data set after the initial data set is completed.

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

ACCESS CONSTRAINTS

REQUIRED: Restrictions and legal prerequisites for accessing the data set.

USE CONSTRAINTS

REQUIRED: Restrictions and legal prerequisites for using the data set after access is granted.

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

Metadata imported.

SOURCE USED CITATION ABBREVIATION

D:\Workspace\temp\metadata.xml

PROCESS DATE 2010-12-15

PROCESS TIME 14:46:41

[Hide Data Quality ▲](#)

HORIZONTAL COORDINATE SYSTEM DEFINITION

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

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 PLSSSecondDivision

ENTITY TYPE DEFINITION

The fully intersected data is the atomic level of the PLSS that is similar to the coverage or the smallest pieces used to build the PLSS. Polygons may overlap in this feature class.

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

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 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

ATTRIBUTE LABEL PLSSID

ATTRIBUTE DEFINITION

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

ATTRIBUTE

ATTRIBUTE LABEL SECDIVID

ATTRIBUTE DEFINITION

Unique identifier for the second division.

ATTRIBUTE

ATTRIBUTE LABEL SECDIVLAB

ATTRIBUTE DEFINITION

PLSS Second Division label for cartographic output or web display.

ATTRIBUTE
ATTRIBUTE LABEL SECDIVNO
ATTRIBUTE DEFINITION
Second division number or aliquot part reference.

ATTRIBUTE
ATTRIBUTE LABEL SECDIVNOTE
ATTRIBUTE DEFINITION
Notes about the second division of the PLSS such as R for replaced or other notes about the use and interpretation of the second division information

ATTRIBUTE
ATTRIBUTE LABEL SECDIVSUF
ATTRIBUTE DEFINITION
Second division suffix used to identify duplicates or suffix to the name

ATTRIBUTE
ATTRIBUTE LABEL SECDIVTYP
ATTRIBUTE DEFINITION
Code for the type of second division.

ATTRIBUTE
ATTRIBUTE LABEL SURVTYP
ATTRIBUTE DEFINITION
Code of the type of special survey.

ATTRIBUTE
ATTRIBUTE LABEL SURVTYPTXT
ATTRIBUTE DEFINITION
Special survey type text description.

ATTRIBUTE
ATTRIBUTE LABEL SECDIVTXT
ATTRIBUTE DEFINITION
Second division type text description

ATTRIBUTE
ATTRIBUTE LABEL RECRDAREAT

ATTRIBUTE
ATTRIBUTE LABEL RECRDAREAN

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 REVISEDAT

ATTRIBUTE
ATTRIBUTE LABEL SHAPE_Leng

ATTRIBUTE

ATTRIBUTE LABEL GISACRE

ATTRIBUTE DEFINITION

The area of the feature in acres - computed from the GIS, this is not the record area.

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

METADATA EXTENSIONS

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

PROFILE NAME ESRI Metadata Profile

Hide Metadata Reference ▲