

PLSSSecondDivision

Shapefile



Tags

planningCadastre, cadastral, Geospatial

Summary

The purpose of this data is to provide a source of information as a reference for mapping and geographically depicting the rights and interests in real property. These data are intended for use in resource management and planning applications, as well as cartographic display. These data are not intended to replace or be used in lieu of official survey records and therefore, should not be used to process specific land transactions or identify rights and interests in land. This feature class provides the graphic of the aliquot or government lot divisions of the plss township. These are the graphic representations of non-rectangular components of the Public Land Survey System such as Tracts and Mineral Surveys.

This feature class is currently empty, we are publishing to keep consistent with the cadNSDI

Description

This data represents the GIS Version of the Public Land Survey System including both rectangular and non-rectangular survey data. The rectangular survey data are a reference system for land tenure based upon meridian, township/range, section, section subdivision and government lots. The non-rectangular survey data represent surveys that were largely performed to protect and/or convey title on specific parcels of land such as mineral surveys and tracts. The data are largely complete in reference to the rectangular survey data at the level of first division. However, the data varies in terms of granularity of its spatial representation as well as its content below the first division. Therefore, depending upon the data source and steward, accurate subdivision of the rectangular data may not be available below the first division and the non-rectangular minerals surveys may not be present. At times, the complexity of surveys rendered the collection of data cost prohibitive such as in areas characterized by numerous, overlapping mineral surveys. In these situations, the data were often not abstracted or were only partially abstracted and incorporated into the data set. These PLSS data were compiled from a broad spectrum of sources including federal, county, and private survey records such as field notes and plats as well as map sources such as USGS 7 1/2 minute quadrangles. The metadata in each data set describes the production methods for the data content. This data is optimized for data publication and sharing rather than for specific "production" or operation and maintenance. A complete PLSS data set includes the following: PLSS Townships, First Divisions and Second Divisions (the hierarchical break down of the PLSS Rectangular surveys) PLSS Special surveys (non-rectangular components of the PLSS) Meandered Water, Corners, Metadata at a Glance (which identified last revised date and data steward) and Conflicted Areas (known areas of gaps or overlaps or inconsistencies). The Entity-Attribute section of this metadata describes these components in greater detail. The second division of the PLSS is quarter, quarter-quarter, sixteenth or government lot division of the PLSS. The second and third divisions are combined into this feature class as an intentional de-normalization of the PLSS hierarchical data. The polygons in this feature class represent the smallest division to the sixteenth that has been defined for the first division. For example In some cases sections have only been divided to the

quarter. Divisions below the sixteenth are in the Special Survey or Parcel Feature Class. Special Surveys are non-PLSS survey areas from BLM survey records which represent federal parcels.

Credits

BLM Eastern States

Use limitations

These data are provided by Bureau of Land Management (BLM) "as is" and might contain errors or omissions. The User assumes the entire risk associated with its use of these data and bears all responsibility in determining whether these data are fit for the User's intended use. The information contained in these data is dynamic and may change over time. The data are not better than the sources from which they were derived, and both scale and accuracy may vary across the data set. These data might not have the accuracy, resolution, completeness, timeliness, or other characteristics appropriate for applications that potential users of the data may contemplate. The User is encouraged to carefully consider the content of the metadata file associated with these data. These data are neither legal documents nor land surveys, and must not be used as such. Official records may be referenced at most BLM offices. Please report any errors in the data to the BLM office from which it was obtained. The BLM should be cited as the data source in any products derived from these data. Any Users wishing to modify the data should describe the types of modifications they have performed. The User should not misrepresent the data, nor imply that changes made were approved or endorsed by BLM. This data may be updated by the BLM without notification.

Extent

West -90.966278 **East** -88.399251
North 34.994370 **South** 30.383852

Scale Range

There is no scale range for this item.

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 (UNITED STATES)

SPATIAL REPRESENTATION TYPE * vector

* **PROCESSING ENVIRONMENT** Version 6.2 (Build 9200) ; Esri ArcGIS 10.6.1.9270

CREDITS

BLM Eastern States

ARCGIS ITEM PROPERTIES

- * NAME PLSSSecondDivision
- * SIZE 26.523
- * LOCATION file:///\\DESKTOP-TP9LNVL\F\$\DATA\00_CADASTRAL\PLS2014andnewer\PLSS_2018\PLSSSecondDivision.shp
- * ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

- EXTENT TYPE Extent used for searching
- * WEST LONGITUDE -90.966278
- * EAST LONGITUDE -88.399251
- * NORTH LATITUDE 34.994370
- * SOUTH LATITUDE 30.383852
- * EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

- * WEST LONGITUDE -90.966278
- * EAST LONGITUDE -88.399251
- * SOUTH LATITUDE 30.383852
- * NORTH LATITUDE 34.994370
- * EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

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[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

- * TYPE Geographic
- * GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
- * COORDINATE REFERENCE DETAILS

GEOGRAPHIC COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 4269

X ORIGIN -400

Y ORIGIN -400

XY SCALE 11258999068426.238

Z ORIGIN -100000

Z SCALE 10000

M ORIGIN -100000

M SCALE 10000

XY TOLERANCE 8.9831528411952133e-09

Z TOLERANCE 0.001

M TOLERANCE 0.001

HIGH PRECISION true

LEFT LONGITUDE -180

LATEST WELL-KNOWN IDENTIFIER 4269

WELL-KNOWN TEXT

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],AUTHORITY["EPSG",4269]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 4269
- * CODESPACE EPSG
- * VERSION 6.12(3.0.1)

[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 198701

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME PLSSSecondDivision

- * FEATURE TYPE Simple
- * GEOMETRY TYPE Polygon
- * HAS TOPOLOGY FALSE
- * FEATURE COUNT 198701
- * SPATIAL INDEX TRUE

* LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

Distribution ►

DISTRIBUTION FORMAT

* NAME Shapefile

TRANSFER OPTIONS

* TRANSFER SIZE 26.523

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT [PLSSSecondDivision ►](#)

* TYPE Feature Class

* ROW COUNT 198701

DEFINITION

Special Surveys are non-PLSS survey areas from BLM survey records which represent federal parcels

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 PLSSID ►
* ALIAS PLSSID
* DATA TYPE String
* WIDTH 16
* PRECISION 0
* SCALE 0

Hide Field PLSSID ▲

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

Hide Field FRSTDIVID ▲

FIELD SECDIVID ►

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

Hide Field SECDIVID ▲

FIELD SECDIVTYP ►

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

Hide Field SECDIVTYP ▲

FIELD SECDIVTXT ►

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

Hide Field SECDIVTXT ▲

FIELD SECDIVNO ►

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

Hide Field SECDIVNO ▲

FIELD SECDIVSUF ►

- * ALIAS SECDIVSUF
- * DATA TYPE String
- * WIDTH 10
- * PRECISION 0
- * SCALE 0

Hide Field SECDIVSUF ▲

FIELD SECDIVNOTE ►

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

Hide Field SECDIVNOTE ▲

FIELD SECDIVLAB ►

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

Hide Field SECDIVLAB ▲

FIELD SURVTYP ►

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

FIELD DESCRIPTION

Survey Type

DESCRIPTION SOURCE

BLM

Hide Field SURVTYP ▲

FIELD SURVTYPTXT ►

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

FIELD DESCRIPTION

Survey Type Text

DESCRIPTION SOURCE

BLM

Hide Field SURVTYPTXT ▲

FIELD GISACRE ►

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

FIELD DESCRIPTION
GIS Acres

DESCRIPTION SOURCE
BLM

Hide Field GISACRE ▲

FIELD SOURCEREF ►

- * ALIAS SOURCEREF
- * DATA TYPE String
- * WIDTH 100
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION
Source Reference

DESCRIPTION SOURCE
BLM

Hide Field SOURCEREF ▲

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 SOURCEDATE ►

- * ALIAS SOURCEDATE
- * DATA TYPE Date
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION
Source Date

DESCRIPTION SOURCE
BLM

Hide Field SOURCEDATE ▲

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 PLSSSecondDivision ▲

OVERVIEW DESCRIPTION ►
ENTITY AND ATTRIBUTE OVERVIEW

This data represents the GIS Version of the Public Land Survey System including both rectangular and non-rectangular survey data. The rectangular survey data are a reference system for land tenure based upon meridian, township/range, section, section subdivision and government lots. The non-rectangular survey data represent surveys that were largely performed to protect and/or convey title on specific parcels of land such as mineral surveys and tracts. The data are largely complete in reference to the rectangular survey data at the level of first division. However, the data varies in terms of granularity of its spatial representation as well as its content below the first division. Therefore, depending upon the data source and steward, accurate subdivision of the rectangular data may not be available below the first division and the non-rectangular minerals surveys may not be present. At times, the complexity of surveys rendered the collection of data cost prohibitive such as in areas characterized by numerous, overlapping mineral surveys. In these situations, the data were often not abstracted or were only partially abstracted and incorporated into the data set. These PLSS data were compiled from a broad spectrum of sources including federal, county, and private survey records such as field notes and plats as well as map sources such as USGS 7 1/2 minute quadrangles. The metadata in each data set describes the production methods for the data content. This data is optimized for data publication and sharing rather than for specific "production" or operation and maintenance. A complete PLSS data set includes the following: PLSS Fully Intersected (all of the PLSS feature at the atomic or smallest polygon level), PLSS Townships, First Divisions and Second Divisions (the hierarchical break down of the PLSS Rectangular surveys) PLSS Special surveys (non-rectangular components of the PLSS) Meandered Water, Corners, Metadata at a Glance (which identified last revised date and data steward) and Conflicted Areas (known areas of gaps or overlaps or inconsistencies). The Entity-Attribute section of this metadata describes these components in greater detail. The second division of the PLSS is quarter, quarter-quarter, sixteenth or government lot division of the PLSS. The second and third divisions are combined into this feature class as an intentional de-normalization of the PLSS hierarchical data. The polygons in this feature class represent the smallest division to the sixteenth that has been defined for the first division. For example In some cases sections have only been divided to the quarter. Divisions below the sixteenth are in the Special Survey or Parcel Feature Class.

Special Surveys are non-PLSS survey areas from BLM survey records which represent federal parcels.

[Hide Overview Description ▲](#)

[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 2018-10-11

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

CREATED IN ARCGIS FOR THE ITEM 2018-10-11 13:35:16

LAST MODIFIED IN ARCGIS FOR THE ITEM 2018-10-11 13:52:46

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2018-10-11 13:52:46

[Hide Metadata Details ▲](#)

Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)

FGDC Metadata (read-only) ▼

CITATION

CITATION INFORMATION

ORIGINATOR U.S. Department of Interior, Bureau of Land Management (BLM)

PUBLICATION DATE 2017-02-28

TITLE

BLM ES MS PLSS Special Survey Polygon

GEOSPATIAL DATA PRESENTATION FORM vector digital data

SERIES INFORMATION

SERIES NAME BLM ES MS PLSS Special Survey Polygon

ISSUE IDENTIFICATION Version 2

PUBLICATION INFORMATION

PUBLICATION PLACE Washington, DC

PUBLISHER BLM, Eastern State Office

ONLINE LINKAGE <https://navigator.blm.gov/home>

DESCRIPTION

ABSTRACT

This data represents the GIS Version of the Public Land Survey System including both rectangular and non-rectangular survey data. The rectangular survey data are a reference system for land tenure based upon meridian, township/range, section, section subdivision and government lots. The non-rectangular survey data represent surveys that were largely performed to protect and/or convey title on specific parcels of land such as mineral surveys and tracts. The data are largely complete in reference to the rectangular survey data at the level of first division. However, the data varies in terms of granularity of its spatial representation as well as its content below the first division. Therefore, depending upon the data source and steward, accurate subdivision of the rectangular data may not be available below the first division and the non-rectangular minerals surveys may not be present. At times, the complexity of surveys rendered the collection of data cost prohibitive such as in areas characterized by numerous, overlapping mineral surveys. In these situations, the data were often not abstracted or were only partially abstracted and incorporated into the data set. These PLSS data were compiled from a broad spectrum of sources including federal, county, and private survey records such as field notes and plats as well as map sources such as USGS 7 ½ minute quadrangles. The metadata in each data set describes the production methods for the data content. This data is optimized for data publication

and sharing rather than for specific "production" or operation and maintenance. A complete PLSS data set includes the following: PLSS Townships, First Divisions and Second Divisions (the hierarchical break down of the PLSS Rectangular surveys) PLSS Special surveys (non-rectangular components of the PLSS) Meandered Water, Corners, Metadata at a Glance (which identified last revised date and data steward) and Conflicted Areas (known areas of gaps or overlaps or inconsistencies). The Entity-Attribute section of this metadata describes these components in greater detail. The second division of the PLSS is quarter, quarter-quarter, sixteenth or government lot division of the PLSS. The second and third divisions are combined into this feature class as an intentional de-normalization of the PLSS hierarchical data. The polygons in this feature class represent the smallest division to the sixteenth that has been defined for the first division. For example In some cases sections have only been divided to the quarter. Divisions below the sixteenth are in the Special Survey or Parcel Feature Class. Special Surveys are non-PLSS survey areas from BLM survey records which represent federal parcels.

PURPOSE

The purpose of this data is to provide a source of information as a reference for mapping and geographically depicting the rights and interests in real property. These data are intended for use in resource management and planning applications, as well as cartographic display. These data are not intended to replace or be used in lieu of official survey records and therefore, should not be used to process specific land transactions or identify rights and interests in land. This feature class provides the graphic of the aliquot or government lot divisions of the plss township. These are the graphic representations of non-rectangular components of the Pubic Land Survey System such as Tracts and Mineral Surveys.

This feature class is currently empty, we are publishing to keep consistent with the cadNSDI

TIME PERIOD OF CONTENT

TIME PERIOD INFORMATION

RANGE OF DATES/TIMES

BEGINNING DATE 2008-01-01

ENDING DATE 2017-09-21

CURRENTNESS REFERENCE

publication date

STATUS

PROGRESS Complete

MAINTENANCE AND UPDATE FREQUENCY As needed

SPATIAL DOMAIN

BOUNDING COORDINATES

WEST BOUNDING COORDINATE -91.655009

EAST BOUNDING COORDINATE -88.097888

NORTH BOUNDING COORDINATE 34.996109

SOUTH BOUNDING COORDINATE 30.146096

KEYWORDS

THEME

THEME KEYWORD THESAURUS ISO 19115 Topic Category

THEME KEYWORD planningCadastre

THEME

THEME KEYWORD THESAURUS FGDC Cadastral Content Standard

THEME KEYWORD cadastral

THEME

THEME KEYWORD THESAURUS BLM-Theme

THEME KEYWORD Geospatial

PLACE

PLACE KEYWORD THESAURUS BLM-STATE

PLACE KEYWORD MS

PLACE KEYWORD ES

PLACE KEYWORD Eastern States

PLACE KEYWORD Mississippi

ACCESS CONSTRAINTS

As authorized by contract; no constraints.

USE CONSTRAINTS

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POINT OF CONTACT

CONTACT INFORMATION

CONTACT ORGANIZATION PRIMARY

CONTACT ORGANIZATION Bureau of Land Management Eastern States

CONTACT PERSON GIS Specialist

CONTACT POSITION GIS Specialist

CONTACT ADDRESS

ADDRESS TYPE mailing and physical

ADDRESS 20 M Street SE, Suite 950

CITY Washington

STATE OR PROVINCE DC

POSTAL CODE 20003

COUNTRY UNITED STATES

CONTACT VOICE TELEPHONE 202-912-7788

CONTACT ELECTRONIC MAIL ADDRESS blm_es_gis@blm.gov

DATA SET CREDIT

BLM Eastern States

NATIVE DATA SET ENVIRONMENT

Microsoft Windows Server 2008 R2 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.4.1.5686

CROSS REFERENCE

CITATION INFORMATION

SERIES INFORMATION

SERIES NAME Mississippi GIS Theme

ISSUE IDENTIFICATION PLSS

PUBLICATION INFORMATION

PUBLICATION PLACE Washington DC

PUBLISHER BLM Eastern State Office

[Hide Identification ▲](#)

ATTRIBUTE ACCURACY

ATTRIBUTE ACCURACY REPORT

Please contact the specific office Point of Contact for additional information on the provenance, history, logical consistency, accuracy and quality of their data.

LOGICAL CONSISTENCY REPORT

Data conforming to the Publication Guideline should follow for the format and structure of the standard for published data. This means that the topological relationships of the PLSS and parcels should be followed. Level 1 conformance to the guideline means that the data follows and conforms to the structure and an active data steward is identified and engaged in data creation and maintenance. Level 2 conformance all attributes that are necessary for essential query, extraction, labeling and use are present. Level 3 conformance all attributes as applicable are populated.

COMPLETENESS REPORT

The Subcommittee recognizes that not all data is available in all places, but the data that is available should be provided for publication in the format provided in this guideline. Exceptions to complete data should be noted by the data steward.

POSITIONAL ACCURACY

HORIZONTAL POSITIONAL ACCURACY

HORIZONTAL POSITIONAL ACCURACY REPORT

Please contact the specific office Point of Contact for additional information on the provenance, history, logical consistency, accuracy and quality of their data.

VERTICAL POSITIONAL ACCURACY

VERTICAL POSITIONAL ACCURACY REPORT

Please contact the specific office Point of Contact for additional information on the provenance, history, logical consistency, accuracy and quality of their data.

LINEAGE

SOURCE INFORMATION

SOURCE CITATION

CITATION INFORMATION

TITLE

BLM ES MS PLSS Special Survey Polygon

SOURCE SCALE DENOMINATOR 1

TYPE OF SOURCE MEDIA onLine

SOURCE TIME PERIOD OF CONTENT

TIME PERIOD INFORMATION

RANGE OF DATES/TIMES

BEGINNING DATE 2008-01-01

ENDING DATE publication date

SOURCE CURRENTNESS REFERENCE

publication date

SOURCE CITATION ABBREVIATION

PLSSSpecialSurvey

SOURCE CONTRIBUTION

Compiled by BLM GIS Specialist

PROCESS STEP

PROCESS DESCRIPTION

These PLSS data were compiled from a broad spectrum of sources including federal, county, and private survey records such as field notes and plats as well as map sources such as USGS 7 ½ minute quadrangles.

PROCESS DATE Unknown

PROCESS CONTACT

CONTACT INFORMATION

CONTACT ORGANIZATION PRIMARY
CONTACT ORGANIZATION Bureau of Land Management Eastern States
CONTACT PERSON GIS Specialist
CONTACT POSITION GIS Specialist
CONTACT ADDRESS
ADDRESS TYPE mailing and physical
ADDRESS 20 M Street SE, Suite 950
CITY Washington
STATE OR PROVINCE DC
POSTAL CODE 20003
COUNTRY UNITED STATES

CONTACT VOICE TELEPHONE 202-912-7788
CONTACT ELECTRONIC MAIL ADDRESS blm_es_gis@blm.gov

Hide Data Quality ▲

HORIZONTAL COORDINATE SYSTEM DEFINITION
GEOGRAPHIC
LATITUDE RESOLUTION 1.7986440921511319e-013
LONGITUDE RESOLUTION 1.7986440921511319e-013
GEOGRAPHIC COORDINATE UNITS Decimal Degrees

GEODETTIC MODEL
HORIZONTAL DATUM NAME D North American 1983
ELLIPSOID NAME GRS 1980
SEMI-MAJOR AXIS 6378137.0
DENOMINATOR OF FLATTENING RATIO 298.257222101

Hide Spatial Reference ▲

DETAILED DESCRIPTION
ENTITY TYPE
ENTITY TYPE LABEL PLSSSpecialSurvey
ENTITY TYPE DEFINITION
Special Surveys are non-PLSS survey areas from BLM survey records which represent federal parcels

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 PLSSID

ATTRIBUTE
ATTRIBUTE LABEL FRSTDIVID

ATTRIBUTE
ATTRIBUTE LABEL SECDIVID

ATTRIBUTE
ATTRIBUTE LABEL SECDIVTYP

ATTRIBUTE
ATTRIBUTE LABEL SECDIVTXT

ATTRIBUTE
ATTRIBUTE LABEL SECDIVNO

ATTRIBUTE
ATTRIBUTE LABEL SECDIVSUF

ATTRIBUTE
ATTRIBUTE LABEL SECDIVNOTE

ATTRIBUTE
ATTRIBUTE LABEL SECDIVLAB

ATTRIBUTE
ATTRIBUTE LABEL SURVTYP
ATTRIBUTE DEFINITION
Survey Type
ATTRIBUTE DEFINITION SOURCE BLM

ATTRIBUTE
ATTRIBUTE LABEL SURVTYPTXT
ATTRIBUTE DEFINITION
Survey Type Text
ATTRIBUTE DEFINITION SOURCE BLM

ATTRIBUTE
ATTRIBUTE LABEL GISACRE
ATTRIBUTE DEFINITION
GIS Acres
ATTRIBUTE DEFINITION SOURCE BLM

ATTRIBUTE
ATTRIBUTE LABEL SOURCEREF
ATTRIBUTE DEFINITION
Source Reference
ATTRIBUTE DEFINITION SOURCE BLM

ATTRIBUTE
ATTRIBUTE LABEL RECRDAREAT

ATTRIBUTE

ATTRIBUTE LABEL RECRDAREAN

ATTRIBUTE

ATTRIBUTE LABEL SOURCEDATE

ATTRIBUTE DEFINITION

Source Date

ATTRIBUTE DEFINITION SOURCE BLM

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.

OVERVIEW DESCRIPTION

ENTITY AND ATTRIBUTE OVERVIEW

This data represents the GIS Version of the Public Land Survey System including both rectangular and non-rectangular survey data. The rectangular survey data are a reference system for land tenure based upon meridian, township/range, section, section subdivision and government lots. The non-rectangular survey data represent surveys that were largely performed to protect and/or convey title on specific parcels of land such as mineral surveys and tracts. The data are largely complete in reference to the rectangular survey data at the level of first division. However, the data varies in terms of granularity of its spatial representation as well as its content below the first division. Therefore, depending upon the data source and steward, accurate subdivision of the rectangular data may not be available below the first division and the non-rectangular minerals surveys may not be present. At times, the complexity of surveys rendered the collection of data cost prohibitive such as in areas characterized by numerous, overlapping mineral surveys. In these situations, the data were often not abstracted or were only partially abstracted and incorporated into the data set. These PLSS data were compiled from a broad spectrum of sources including federal, county, and private survey records such as field notes and plats as well as map sources such as USGS 7 1/2 minute quadrangles. The metadata in each data set describes the production methods for the data content. This data is optimized for data publication and sharing rather than for specific "production" or operation and maintenance. A complete PLSS data set includes the following: PLSS Fully Intersected (all of the PLSS feature at the atomic or smallest polygon level), PLSS Townships, First Divisions and Second Divisions (the hierarchical break down of the PLSS Rectangular surveys) PLSS Special surveys (non-rectangular components of the PLSS) Meandered Water, Corners, Metadata at a Glance (which identified last revised date and data steward) and Conflicted Areas (known areas of gaps or overlaps or inconsistencies). The Entity-Attribute section of this metadata describes these components in greater detail. The second division of the PLSS is quarter, quarter-quarter, sixteenth or government lot division of the PLSS. The second and third divisions are combined into this feature class as an intentional de-normalization of the PLSS hierarchical data. The polygons in this feature class represent the smallest division to the sixteenth that has been defined for the first division. For example In some cases sections have only been divided to the quarter. Divisions below the sixteenth are in the Special Survey or Parcel Feature Class.

Special Surveys are non-PLSS survey areas from BLM survey records which represent federal parcels.

Hide Entities and Attributes ▲

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ENDING DATE 2017-09-21

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METADATA CONTACT

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