PLSSTownships

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 displays of the PLSS Townships.

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 or 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. 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
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 -91.654828   **East**   -88.097814
North 34.995921   **South** 30.173355
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   PLSSTownships

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   PLSSTownships
* SIZE   2.072
* LOCATION   file://\\DESKTOP-
TP9LNVL\F$\DATA\00_CADASTRAL\PLS2014andnewer\PLSS_2018\PLSSTownships.shp
  * ACCESS PROTOCOL   Local Area Network

Hide Resource Details ▲

Extents ►

EXTENT
  GEOGRAPHIC EXTENT
    BOUNDING RECTANGLE
      EXTENT TYPE   Extent used for searching
      * WEST LONGITUDE   -91.654828
      * EAST LONGITUDE   -88.097814
      * NORTH LATITUDE   34.995921
      * SOUTH LATITUDE   30.173355
      * EXTENT CONTAINS THE RESOURCE   Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM
  * WEST LONGITUDE   -91.654828
  * EAST LONGITUDE   -88.097814
  * SOUTH LATITUDE   30.173355
  * NORTH LATITUDE   34.995921
  * EXTENT CONTAINS THE RESOURCE   Yes

Hide Extents ▲

Resource Constraints ►

CONSTRAINTS
  LIMITATIONS OF USE
      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.

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",0.01
    74532925199433],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   PLSSTownships
    * OBJECT TYPE   composite
    * OBJECT COUNT   1552

  Hide Vector ▲

ARCGIS FEATURE CLASS PROPERTIES   ▶
  FEATURE CLASS NAME   PLSSTownships
    * FEATURE TYPE   Simple
    * GEOMETRY TYPE   Polygon
    * HAS TOPOLOGY   FALSE
    * FEATURE COUNT   1552
    * SPATIAL INDEX   TRUE
    * LINEAR REFERENCING   FALSE

  Hide ArcGIS Feature Class Properties ▲

Distribution ►

DISTRIBUTION FORMAT
  * NAME   Shapefile

TRANSFER OPTIONS
  * TRANSFER SIZE   2.072

Fields ►

DETAILS FOR OBJECT PLSSTownships ►
  * TYPE   Feature Class
  * ROW COUNT   1552
  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 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 ►
  * 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 STATEABBR ▶
 * ALIAS   STATEABBR
 * DATA TYPE   String
 * WIDTH   2
 * PRECISION   0
 * SCALE   0
 FIELD DESCRIPTION
    State Abbreviation

DESCRIPTION SOURCE
BLM

Hide Field STATEABBR ▲

FIELD PRINMERCD ▶
 * ALIAS   PRINMERCD
 * DATA TYPE   String
 * WIDTH   2
 * PRECISION   0
 * SCALE   0
 FIELD DESCRIPTION

Principle Meridian Code

Hide Field PRINMERCD ▲

FIELD PRINMER ▶
* ALIAS   PRINMER
* DATA TYPE   String
* WIDTH   40
* PRECISION   0
* SCALE   0
FIELD DESCRIPTION
Principle Meridian

Hide Field PRINMER ▲

FIELD TWNSHPNO ▶
* ALIAS   TWNSHPNO
* DATA TYPE   String
* WIDTH   3
* PRECISION   0
* SCALE   0
FIELD DESCRIPTION
Township number

Hide Field TWNSHPNO ▲

FIELD TWNSHPFRAC ▶
* ALIAS   TWNSHPFRAC
* DATA TYPE   String
* WIDTH   1
* PRECISION   0
* SCALE   0
FIELD DESCRIPTION
Township Fraction

Hide Field TWNSHPFRAC ▲

FIELD **TWNSHPDIR** ▶
* ALIAS   TWNSHPDIR
* DATA TYPE   String
* WIDTH   1
* PRECISION   0
* SCALE   0
FIELD DESCRIPTION
   Township Direction

DESCRIPTION SOURCE
   BLM

   Hide Field TWNSHPDIR ▲

FIELD **RANGENO** ▶
* ALIAS   RANGENO
* DATA TYPE   String
* WIDTH   3
* PRECISION   0
* SCALE   0
FIELD DESCRIPTION
   Range Number

DESCRIPTION SOURCE
   BLM

   Hide Field RANGENO ▲

FIELD **RANGEFRAC** ▶
* ALIAS   RANGEFRAC
* DATA TYPE   String
* WIDTH   1
* PRECISION   0
* SCALE   0
FIELD DESCRIPTION
   Range Fraction

DESCRIPTION SOURCE
   BLM

   Hide Field RANGEFRAC ▲

FIELD **RANGEDIR** ▶
* ALIAS   RANGEDIR
* DATA TYPE   String
* WIDTH   1
* PRECISION   0

* Scale 0
Field description
    Range Direction

Description source
    BLM

Hide Field RANGEDIR ▲

Field TWNSHPDPCD ►
  * Alias TWNSHPDPCD
  * Data type String
  * Width 1
  * Precision 0
  * Scale 0
  Field description
    Township Duplicate Code

  Description source
    BLM

Hide Field TWNSHPDPCD ▲

Field PLSSID ►
  * Alias PLSSID
  * Data type String
  * Width 16
  * Precision 0
  * Scale 0
  Field description
    PLSS ID

  Description source
    BLM

Hide Field PLSSID ▲

Field TWNSHPLAB ►
  * Alias TWNSHPLAB
  * Data type String
  * Width 20
  * Precision 0
  * Scale 0
  Field description
    Township Label

  Description source
    BLM

Hide Field TWNSHPLAB ▲

FIELD SRVNAME ▶

* **ALIAS** SRVNAME
* **DATA TYPE** String
* **WIDTH** 60
* **PRECISION** 0
* **SCALE** 0

FIELD DESCRIPTION
Survey Name

DESCRIPTION SOURCE
BLM

Hide Field SRVNAME ▲

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 SOURCEDATE ▶

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

* SCALE 0
FIELD DESCRIPTION
Source Date

DESCRIPTION SOURCE
BLM

Hide Field SOURCEDATE ▲

FIELD SOURCEREF ▶
* ALIAS SOURCEREF
* DATA TYPE String
* WIDTH 100
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Source Reference

DESCRIPTION SOURCE
BLM

Hide Field SOURCEREF ▲

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 ▲

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 or 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 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.

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.

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   13:34:10
  LAST MODIFIED IN ARCGIS FOR THE ITEM   2018-10-11   13:54:07

  AUTOMATIC UPDATES
    HAVE BEEN PERFORMED   Yes
    LAST UPDATE   2018-10-11   13:54:07

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 Township Polygon
  GEOSPATIAL DATA PRESENTATION FORM   vector digital data
  SERIES INFORMATION
SERIES NAME   BLM ES MS PLSS Township 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 or 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. 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

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 displays of the PLSS Townships.

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   planningCadastre

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 guideleines. 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 Township 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
PLSSTownship
SOURCE CONTRIBUTION
Compiled by BLM GIS Specialist
PROCESS STEP
PROCESS DESCRIPTION
These PLSS data were compiled from a broad spectrum or 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

        GEODETIC 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   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   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   STATEABBR
ATTRIBUTE DEFINITION
State Abbreviation
ATTRIBUTE DEFINITION SOURCE   BLM

ATTRIBUTE
ATTRIBUTE LABEL   PRINMERCD
ATTRIBUTE DEFINITION
Principle Meridian Code
ATTRIBUTE DEFINITION SOURCE   BLM

ATTRIBUTE
ATTRIBUTE LABEL   PRINMER
ATTRIBUTE DEFINITION
Principle Meridian
ATTRIBUTE DEFINITION SOURCE   BLM

ATTRIBUTE
ATTRIBUTE LABEL   TWNSHPNO
ATTRIBUTE DEFINITION
Township number
ATTRIBUTE DEFINITION SOURCE   BLM

ATTRIBUTE
ATTRIBUTE LABEL   TWNSHPFRAC
ATTRIBUTE DEFINITION
Township Fraction
ATTRIBUTE DEFINITION SOURCE   BLM

ATTRIBUTE
ATTRIBUTE LABEL   TWNSHPDIR
ATTRIBUTE DEFINITION
Township Direction
ATTRIBUTE DEFINITION SOURCE   BLM

ATTRIBUTE
ATTRIBUTE LABEL   RANGENO
ATTRIBUTE DEFINITION
Range Number
ATTRIBUTE DEFINITION SOURCE   BLM

ATTRIBUTE
ATTRIBUTE LABEL   RANGEFRAC
ATTRIBUTE DEFINITION
Range Fraction
ATTRIBUTE DEFINITION SOURCE   BLM

ATTRIBUTE

ATTRIBUTE LABEL   RANGEDIR
ATTRIBUTE DEFINITION
Range Direction
    ATTRIBUTE DEFINITION SOURCE   BLM

ATTRIBUTE
ATTRIBUTE LABEL   TWNSHPDPCD
ATTRIBUTE DEFINITION
Township Duplicate Code
    ATTRIBUTE DEFINITION SOURCE   BLM

ATTRIBUTE
ATTRIBUTE LABEL   PLSSID
ATTRIBUTE DEFINITION
PLSS ID
    ATTRIBUTE DEFINITION SOURCE   BLM

ATTRIBUTE
ATTRIBUTE LABEL   TWNSHPLAB
ATTRIBUTE DEFINITION
Township Label
    ATTRIBUTE DEFINITION SOURCE   BLM

ATTRIBUTE
ATTRIBUTE LABEL   SRVNAME
ATTRIBUTE DEFINITION
Survey Name
    ATTRIBUTE DEFINITION SOURCE   BLM

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   SOURCEDATE
ATTRIBUTE DEFINITION
Source Date
    ATTRIBUTE DEFINITION SOURCE   BLM

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

ATTRIBUTE
ATTRIBUTE LABEL   SHAPE_Leng

ATTRIBUTE
ATTRIBUTE LABEL   SHAPE_Area

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 or 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 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.

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.

Hide Entities and Attributes ▲
DISTRIBUTOR
CONTACT INFORMATION
CONTACT ORGANIZATION PRIMARY
CONTACT ORGANIZATION   BLM Eastern State Office
CONTACT PERSON   State GIS Specialist
CONTACT POSITION   State 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   U.S.A.

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STANDARD ORDER PROCESS
NON-DIGITAL FORM
Non-digital is not available.
FEES   none
ORDERING INSTRUCTIONS
email to order
TURNAROUND   2 weeks

STANDARD ORDER PROCESS
FEES   none
ORDERING INSTRUCTIONS
email to order
TURNAROUND   2 weeks

AVAILABLE TIME PERIOD
TIME PERIOD INFORMATION
RANGE OF DATES/TIMES
BEGINNING DATE   2008-01-01
ENDING DATE   2017-09-21

Hide Distribution Information ▲
METADATA DATE   2017-02-07
METADATA REVIEW DATE   2017-02-28
METADATA CONTACT
CONTACT INFORMATION
CONTACT ORGANIZATION PRIMARY
CONTACT ORGANIZATION   Bureau of Land Management, Eastern State Office
CONTACT PERSON   State GIS Specialist
CONTACT POSITION   State GIS Specialist
CONTACT ADDRESS
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ADDRESS   20 M Street SE, Suite 950

CITY   Washington
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COUNTRY   U.S.A.

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METADATA STANDARD NAME   FGDC Content Standard for Digital Geospatial Metadata
METADATA STANDARD VERSION   FGDC-STD-001-1998
METADATA TIME CONVENTION   local time

Hide Metadata Reference ▲