

baileyeco

Metadata also available as

Metadata:

- [Identification Information](#)
- [Data Quality Information](#)
- [Spatial Data Organization Information](#)
- [Spatial Reference Information](#)
- [Entity and Attribute Information](#)
- [Distribution Information](#)
- [Metadata Reference Information](#)

Identification_Information:

Citation:

Citation_Information:

Originator: Texas Parks and Wildlife Department
Publication_Date: 20100312
Title: baileyeco
Geospatial_Data_Presentation_Form: vector digital data
Publication_Information:

Publication_Place: Austin, TX
Publisher: Texas Parks and Wildlife Department

Online_Linkage:
\\Gis-datasrvr\GIS_Data1\GIS_Archive\texas\tsms\bio\shp\baileyeco.shp
Online_Linkage:
\\Gis-datasrvr\GIS_Data1\GIS_Archive\texas\tsms\bio\shp\baileyeco.shp

Description:

Abstract:

The original file was clipped to the state of Texas. This map layer is commonly called Bailey's ecoregions and shows ecosystems of regional extent in the United States, Puerto Rico, and the U.S. Virgin Islands. Four levels of detail are included to show a hierarchy of ecosystems. The largest ecosystems are domains, which are groups of related climates and which are differentiated based on precipitation and temperature. Divisions represent the climates withindomains and are differentiated based on precipitation levels and patterns as well as temperature. Divisions are subdivided into provinces, which are differentiated based on vegetation or other natural land covers. The finest level of detail is described by subregions, called sections, which are subdivisions of provinces based on terrain features. Also identified are mountainous areas that exhibit different ecological zones based on elevation.

Purpose:

These data are intended for geographic display and analysis at the national level, and for

large regional areas. The data should be displayed and analyzed at scales appropriate for 1:7,500,000-scale data. No responsibility is assumed by the National Atlas of the United States in the use of these data.

Supplemental_Information:

The same data are available from both the National Atlas of the United States and from the USDA Forest Service Inventory and Monitoring Institute.

Detailed descriptions of the domains, divisions, and provinces represented in this map layer are available at: <http://www.fs.fed.us/institute/ecoregions/ecoreg1_home.html>. Detailed descriptions of the sections represented in this map layer are available at:

<<http://www.fs.fed.us/land/pubs/ecoregions/>>.

TPWD GIS Lab: The nationwide file (ecoregp075) was projected from geographic to the Texas Statewide Mapping System and clipped using the txoutln04 file in the GIS Lab Archive.

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 200402

Currentness_Reference: publication date

Status:

Progress: Complete

Maintenance_and_Update_Frequency: None planned

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -106.976165

East_Bounding_Coordinate: -93.121756

North_Bounding_Coordinate: 36.534206

South_Bounding_Coordinate: 25.706496

Keywords:

Theme:

Theme_Keyword_Thesaurus: ISO 19115 Topic Category

Theme_Keyword: Biota

Theme_Keyword: Environment

Theme:

Theme_Keyword_Thesaurus: None

Theme_Keyword: Ecoregions

Theme_Keyword: Bailey's ecoregions

Theme_Keyword: Ecosystems

Theme_Keyword: Regional Ecology

Theme_Keyword: Ecosystem Geography

Theme_Keyword: Mapping

Place:

Place_Keyword_Thesaurus: None
Place_Keyword: State of Texas
Place_Keyword: Texas
Place_Keyword: TX

Access_Constraints: None

Use_Constraints:

None. Acknowledgment of the USDA Forest Service and (or) the National Atlas of the United States of America would be appreciated in products derived from these data.

Point_of_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Robert G. Bailey

Contact_Organization: USDA Forest Service Inventory and Monitoring Institute

Contact_Address:

Address_Type: mailing and physical address

Address: 2150 Centre Ave, Bldg A

City: Fort Collins

State_or_Province: CO

Postal_Code: 80526

Country: USA

Contact_Voice_Telephone: 970-295-5727

Contact_Facsimile_Telephone: 970-295-5885

Contact_Electronic_Mail_Address: rgbailey@fs.fed.us

Security_Information:

Security_Classification: Unclassified

Native_Data_Set_Environment:

Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 3; ESRI ArcCatalog 9.3.1.3500

Cross_Reference:

Citation_Information:

Originator: Robert G. Bailey

Publication_Date: 1995

Title:

Bailey's Ecoregions and subregions of the United States, Puerto Rico, and the U. S. Virgin Islands

Edition: Second Edition, Revised and Enlarged

Geospatial_Data_Presentation_Form: Map

Series_Information:

Series_Name: Miscellaneous Publication

Issue_Identification: 1391

Publication_Information:

Publication_Place: Washington, DC

Publisher: USDA Forest Service

Other_Citation_Details: 108 pages with separate map at 1:7,500,000

Online_Linkage: <<http://www.nationalatlas.gov/mld/ecoregp.html>>

Cross_Reference:

Citation_Information:

Originator: USDA Forest Service

Publication_Date: 200506

Title: Omerniks Level III Ecoregions of the Continental United States

Geospatial_Data_Presentation_Form: Map

Publication_Information:

Publication_Place: Reston, VA

Publisher: National Atlas of the United States

Online_Linkage: <<http://nationalatlas.gov/atlasftp.html>>

Online_Linkage: <<http://www.epa.gov/wed/pages/ecoregions/ecoregions.htm>>

Data_Quality_Information:

Logical_Consistency_Report:

No checks for topological consistency were performed on this map layer.

Completeness_Report:

This map layer includes ecoregions and subregions information for the United States, the District of Columbia, Puerto Rico, and the U.S. Virgin Islands.

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator: Bailey, R.G.

Originator: McNab, W.H.

Originator: Avers, P.E.

Originator: King, T.

Publication_Date: 1994

Title: Ecoregions and Subregions of the United States (Lower 48)

Geospatial_Data_Presentation_Form: Vector digital data

Publication_Information:

Publication_Place: Washington, DC

Publisher: USDA Forest Service

Online_Linkage:

<http://www.fs.fed.us/institute/ecoregions/eco_download.html>

Source_Scale_Denominator: 7500000

Type_of_Source_Media: Online

Source_Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 1994

Source_Currentness_Reference: publication date

Source_Citation_Abbreviation: FS Lower48 Ecoregions

Source_Contribution: Spatial and attribute information

Source_Information:

Source_Citation:

Citation_Information:

Originator: Bailey, R.G.

Originator: McNab, W.H.

Originator: Avers, P.E.

Originator: King, T.

Publication_Date: 1994

Title: Ecoregions and Subregions of Alaska

Geospatial_Data_Presentation_Form: Vector digital data

Publication_Information:

Publication_Place: Washington, DC

Publisher: USDA Forest Service

Online_Linkage:

<http://www.fs.fed.us/institute/ecoregions/eco_download.html>

Source_Scale_Denominator: 7500000

Type_of_Source_Media: Online

Source_Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 1994

Source_Currentness_Reference: Publication date

Source_Citation_Abbreviation: FS Alaska Ecoregions

Source_Contribution: Spatial and attribute information

Source_Information:

Source_Citation:

Citation_Information:

Originator: Bailey, R.G.

Originator: McNab, W.H.

Originator: Avers, P.E.

Originator: King, T.

Publication_Date: 1994

Title: Ecoregions and Subregions of Hawaii

Geospatial_Data_Presentation_Form: Vector digital data

Publication_Information:

Publication_Place: Washington, VA
Publisher: USDA Forest Service

Online_Linkage:
<http://www.fs.fed.us/institute/ecoregions/eco_download.html>

Source_Scale_Denominator: 7500000
Type_of_Source_Media: Online
Source_Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:
Calendar_Date: 1994

Source_Currentness_Reference: Publication date

Source_Citation_Abbreviation: FS Hawaii Ecoregions
Source_Contribution: Attribute information

Source_Information:

Source_Citation:

Citation_Information:

Originator: Bailey, R.G.
Originator: McNab, W.H.
Originator: Avers, P.E.
Originator: King, T.
Publication_Date: 1994
Title: Ecoregions and Subregions of Puerto Rico and the Virgin Islands
Geospatial_Data_Presentation_Form: Vector digital data
Publication_Information:

Publication_Place: Washington, DC
Publisher: USDA Forest Service

Online_Linkage:
<http://www.fs.fed.us/institute/ecoregions/eco_download.html>

Source_Scale_Denominator: 7500000
Type_of_Source_Media: Online
Source_Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:
Calendar_Date: 1994

Source_Currentness_Reference: Publication date

Source_Citation_Abbreviation: FS PR_VI Ecoregions
Source_Contribution: Attribute information

Source_Information:

Source_Citation:

Citation_Information:

Originator: National Atlas of the United States

Publication_Date: 200206

Title: State Boundaries of the United States

Publication_Information:

Publication_Place: Reston, VA

Publisher: National Atlas of the United States

Online_Linkage: <<http://nationalatlas.gov/atlasftp.html>>

Source_Scale_Denominator: 2000000

Type_of_Source_Media: Online

Source_Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 1972

Ending_Date: 2002

Source_Currentness_Reference: Ground condition

Source_Citation_Abbreviation: Atlas-States

Source_Contribution: Spatial information

Process_Step:

Process_Description:

The USDA Forest Service ecoregions shapefile for the 48 conterminous States and the export file for Alaska were downloaded and reprojected to a Lambert Azimuthal Equal Area projection using Arc/INFO. The shorelines were removed and replaced with shorelines from the National Atlas States map layer. Linework was cleaned and adjusted. USDS Forest Service ecoregions attribution for Hawaii, Puerto Rico, and the U.S. Virgin Islands was added to the polygons for those areas defined by the National Atlas shorelines.

The polygon attribution was checked and the following corrections were made: For Ecocode = -263A the Province field was blank; this was corrected to California Coastal Steppe-Mixed Forest-Redwood Forest Province. For Ecocode = M242A, Ecocode = M242B, and Ecocode = M242C the Division was corrected from Marine Regime Mountains Redwood Forest Province to Marine Regime Mountains.

Source_Used_Citation_Abbreviation: FS Lower48 Ecoregions

Source_Used_Citation_Abbreviation: FS Alaska Ecoregions

Source_Used_Citation_Abbreviation: FS Hawaii Ecoregions

Source_Used_Citation_Abbreviation: FS PR_VI Ecoregions

Source_Used_Citation_Abbreviation: Atlas-States

Process_Date: 200401

Process_Step:

Process_Description: Metadata imported.

Source_Used_Citation_Abbreviation: C:\DOCUME~1\cbanks\LOCALS~1\Temp\xml5E0.tmp

Process_Step:

Process_Description: Metadata imported.

Source_Used_Citation_Abbreviation: T:\texas\tsms\bio\covers\baileyeco\metadata.xml

Process_Step:

Process_Description: Metadata imported.

Source_Used_Citation_Abbreviation: T:\texas\tsms\bio\shp\baileyeco.shp.xml

Process_Date: 20100312

Process_Time: 15575300

Process_Step:

Process_Description: Dataset copied.

Source_Used_Citation_Abbreviation: M:\cyn\work\bio\baileyeco\20100312\baileyeco

Process_Date: 20100312

Process_Time: 16190500

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: G-polygon

Point_and_Vector_Object_Count: 18

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: Label point

Point_and_Vector_Object_Count: 335

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: GT-polygon composed of chains

Point_and_Vector_Object_Count: 335

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: Point

Point_and_Vector_Object_Count: 0

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Map_Projection:

Map_Projection_Name: Lambert Conformal Conic
Lambert_Conformal_Conic:

Standard_Parallel: 27.416667
Standard_Parallel: 34.916667
Longitude_of_Central_Meridian: -100.000000
Latitude_of_Projection_Origin: 31.166667
False_Easting: 1000000.000000
False_Northing: 1000000.000000

Planar_Coordinate_Information:

Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:

Abscissa_Resolution: 0.000000
Ordinate_Resolution: 0.000000

Planar_Distance_Units: meters

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: 0.000010
Altitude_Encoding_Method:
Explicit elevation coordinate included with horizontal coordinates

Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: baileyeco

Entity_Type_Definition:

An ecosystem of regional extent. The polygons in this map layer represent subregion sections, which are the finest level of detail. Sections are further classified into provinces, divisions, and domains.

Entity_Type_Definition_Source: National Atlas of the United States

Attribute:

Attribute_Label: SCODE

Attribute:

Attribute_Label: KEY

Attribute:

Attribute_Label: FID

Attribute_Definition: Internal feature number.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: Polygon

Enumerated_Domain_Value_Definition: 2-dimensional element

Enumerated_Domain_Value_Definition_Source: ESRI GIS software

Unrepresentable_Domain:

Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute_Label: FDIGIT

Attribute:

Attribute_Label: MTEXT

Attribute:

Attribute_Label: Shape

Attribute_Definition: Feature geometry.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Range_Domain:

Range_Domain_Minimum: 0.000

Range_Domain_Maximum: 34.509

Unrepresentable_Domain: Coordinates defining the features.

Attribute:

Attribute_Label: ECOCODE

Attribute_Definition:

A code used to identify mountainous ecoregions with variations due to elevation.

Attribute_Definition_Source: USDA Forest Service

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: -

Enumerated_Domain_Value_Definition: The ecoregion is not mountainous.

Enumerated_Domain_Value_Definition_Source: USDA Forest Service

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: M

Enumerated_Domain_Value_Definition: The ecoregion is mountainous.
Enumerated_Domain_Value_Definition_Source: USDA Forest Service

Attribute:

Attribute_Label: DOMAIN
Attribute_Definition: A numeric code identifying the Province.
Attribute_Definition_Source: National Atlas of the United States
Attribute_Domain_Values:

Range_Domain:

Range_Domain_Minimum: 121
Range_Domain_Maximum: 423

Attribute:

Attribute_Label: DIVISION
Attribute_Definition:
 A code identifying the section within the Province. This is the last character of Ecocode. This field is designed for cartographic production.
Attribute_Definition_Source: USDA Forest Service
Attribute_Domain_Values:

Range_Domain:

Range_Domain_Minimum: A
Range_Domain_Maximum: N

Attribute:

Attribute_Label: PROVINCE
Attribute_Definition: The first three characters of the Section value.
Attribute_Definition_Source: USDA Forest Service
Attribute_Domain_Values:

Range_Domain:

Range_Domain_Minimum: Adi
Range_Domain_Maximum: Yuk

Attribute:

Attribute_Label: SECTION
Attribute_Definition:
 The last four digits of Ecocode. This is a cartographic production field for labeling Sections.
Attribute_Definition_Source: USDA Forest Service
Attribute_Domain_Values:

Range_Domain:

Range_Domain_Minimum: 121A
Range_Domain_Maximum: 423A

Attribute:

Attribute_Label: MCODE

Attribute_Definition:

The first four digits of Ecocode. This code identifies mountainous and non-mountainous Provinces.

Attribute_Definition_Source: USDA Forest Service

Attribute_Domain_Values:

Range_Domain:

Range_Domain_Minimum: -124

Range_Domain_Maximum: M423

Attribute:

Attribute_Label: PCODE

Distribution_Information:

Distributor:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Earth Science Information Center, U.S. Geological Survey

Contact_Address:

Address_Type: Mailing address

Address: 507 National Center

City: Reston

State_or_Province: VA

Postal_Code: 20192

Contact_Voice_Telephone: 1-888-ASK-USGS (1-888-275-8747)

Contact_Voice_Telephone: 703-648-5920

Contact_Instructions:

In addition to the address above there are other ESIC offices throughout the country. A full list of these offices is at < http://geography.usgs.gov/esic/esic_index.html >.

Resource_Description: Downloadable Data

Distribution_Liability:

Although these data have been processed successfully on a computer system at the U.S. Geological Survey, no warranty expressed or implied is made by the U.S. Geological Survey regarding the utility of the data on any other system, nor shall the act of distribution constitute any such warranty. No responsibility is assumed by the U.S. Geological Survey in the use of these data.

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Format_Name: ESRI Shapefile

Transfer_Size: 0.925

Digital_Transfer_Option:

Online_Option:

Computer_Contact_Information:

Network_Address:

Network_Resource_Name: <<http://nationalatlas.gov/atlasftp.html>>

Network_Resource_Name:

<http://www.fs.fed.us/institute/ecoregions/eco_download.html>

Digital_Form:

Digital_Transfer_Information:

Format_Name: SDTS

Transfer_Size: 0.925

Digital_Transfer_Option:

Online_Option:

Computer_Contact_Information:

Network_Address:

Network_Resource_Name: <<http://nationalatlas.gov/atlasftp.html>>

Digital_Form:

Digital_Transfer_Information:

Format_Name: ARCE

Transfer_Size: 0.925

Digital_Transfer_Option:

Online_Option:

Computer_Contact_Information:

Network_Address:

Network_Resource_Name: <<http://nationalatlas.gov/atlasftp.html>>

Network_Resource_Name:

<http://www.fs.fed.us/institute/ecoregions/eco_download.html>

Fees: There is no charge for the map layer.

Metadata_Reference_Information:

Metadata_Date: 20100312

Metadata_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Peg Rawson

Contact_Organization: National Atlas of the United States

Contact_Address:

Address_Type: Mailing address

Address: 12201 Sunrise Valley Drive

Address: MS-561

City: Reston

State_or_Province: VA

Postal_Code: 20192

Contact_Voice_Telephone: 703-648-4183

Contact_Electronic_Mail_Address: atlasmail@usgs.gov

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: local time

Metadata_Security_Information:

Metadata_Security_Classification_System: None

Metadata_Security_Classification: Unclassified

Metadata_Security_Handling_Description: None

Metadata_Extensions:

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

Profile_Name: ESRI Metadata Profile

Generated by [mp](#) version 2.9.6 on Fri Mar 12 16:27:12 2010