Coastal Barrier Resources System

File Geodatabase Feature Class

Tags

CBRS, Coastal Barrier Resources System, John H. Chafee, CBRS Unit, Coastal Barrier, Flood Insurance Prohibition, CBRA, Otherwise Protected Area, CBIA, Coastal Barrier Resources Act, Coastal Barrier Improvement Act, OPA

Summary

This data set was created to provide local users with a general depiction of the aerial extent of the boundaries of the John H. Chafee Coastal Barrier Resources System.

Description

This Coastal Barrier Resources System (CBRS) data set, produced by the U.S. Fish and Wildlife Service (Service), contains areas designated as undeveloped coastal barriers in accordance with the Coastal Barrier Resources Act (CBRA), 16 U.S.C. 3501 et seq., as amended. The boundaries used to create the polygons herein were compiled between 4/1/2007 and 12/18/2014 from the official John H. Chafee Coastal Barrier Resources System CBRS maps. The majority of the boundaries were digitized from the official paper maps. In cases where the official map was created through digital methods, the digital boundary was used. As maps are revised this data set will be updated with the new boundaries. This data set contains CBRS polygons that have varying levels of horizontal accuracy depending on the methods used for digitization of the boundaries, and the age and quality of the official CBRS map. The different levels of horizontal accuracy are described below in the horizontal accuracy statement. These digital polygons are only representations of the CBRS boundaries shown on the official CBRS maps and are not to be considered authoritative. The Service is not responsible for any misuse or misinterpretation of this digital data set, including use of the data to determine eligibility for federal financial assistance such as federal flood insurance. CBRS maps are either enacted by Congress or adopted administratively by the Secretary of the Interior (Secretary), and are maintained by the Service. Copies of the official CBRS maps are available for viewing at Service's Headquarters office and are also available to view or download at http://www.fws.gov/cbra/maps. CBRS boundaries viewed using the CBRS Mapper or the shapefile are subject to misrepresentations beyond the Service's control, including misalignments of the boundaries with third party base layers and misprojections of spatial data. The official CBRS map is the controlling document and should be consulted for all official determinations. Official determinations are recommended for all properties that are in close proximity (within 150 feet of Tier 1 and 20 feet of Tier 2) of a CBRS boundary. For an official determination of whether or not an area or specific property is located within the CBRS, please follow the procedures found at http://www.fws.gov/cbra/determinations.html. For any questions regarding the CBRS, please contact your local Service field office or email CBRA@fws.gov. Contact information for Service field offices can be found at http://www.fws.gov/offices.

Credits

There are no credits for this item.

User must read and fully comprehend the metadata prior to data use. User must acknowledge the U.S. Fish and Wildlife Service as the originator when using the data set as a source. User must share data products developed using this source data set with the U.S. Fish and Wildlife Service. Data should not be used beyond the limits of the source scale. The data set is NOT a survey document and should not be utilized as such. The data set is NOT to be used for definitive in/out determinations.

Extent

West	-97.638831	East	-64.623139
North	47.435609	South	17.671676

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   Coastal Barrier Resources System

PRESENTATION FORMATS   * digital map

Hide Citation ▲

Resource Details ▼

Extents ►

EXTENT
  GEOGRAPHIC EXTENT
    BOUNDING RECTANGLE
      EXTENT TYPE   Extent used for searching
      * WEST LONGITUDE   -97.638831
      * EAST LONGITUDE   -64.623139
      * NORTH LATITUDE   47.435609
      * SOUTH LATITUDE   17.671676
      * EXTENT CONTAINS THE RESOURCE   Yes

  EXTENT IN THE ITEM'S COORDINATE SYSTEM
      * WEST LONGITUDE   -10869104.969499
      * EAST LONGITUDE   -7193814.885532
      * SOUTH LATITUDE   1999154.290544
      * NORTH LATITUDE   6013468.645880
      * EXTENT CONTAINS THE RESOURCE   Yes

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

User must read and fully comprehend the metadata prior to data use. User must acknowledge the U.S. Fish and Wildlife Service as the originator when using the data set as a source. User must share data products developed using this source data set with the U.S. Fish and Wildlife Service. Data should not be used beyond the limits of the source scale. The data set is NOT a survey document and should not be utilized as such. The data set is NOT to be used for definitive in/out determinations.

Spatial Reference ►

ARCGIS COORDINATE SYSTEM
* TYPE Projected
* GEOGRAPHIC COORDINATE REFERENCE GCS_WGS_1984
* PROJECTION WGS_1984_Web_Mercator_Auxiliary_Sphere
* COORDINATE REFERENCE DETAILS
  PROJECTED COORDINATE SYSTEM
    WELL-KNOWN IDENTIFIER 102100
    X ORIGIN -22041545.196626503
    Y ORIGIN -33272760.666300893
    XY SCALE 135368852.55357128
    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 3857
    WELL-KNOWN TEXT PROJCS["WGS_1984_Web_Mercator_Auxiliary_Sphere",GEOGCS
    ["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID
    ["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT
    ["Degree",0.0174532925199433]],PROJECTION["Mercator_Auxiliary_Sphere"],PARAMETER
    ["False_Easting",0.0],PARAMETER["False_Northing",0.0],PARAMETER
    ["Central_Meridian",0.0],PARAMETER["Standard_Parallel_1",0.0],PARAMETER
    ["Auxiliary_Sphere_Type",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",3857]]

REFERENCE SYSTEM IDENTIFIER
* VALUE 3857
* CODESPACE EPSG
* VERSION 8.2.6

Spatial Data Properties ►

VECTOR ►
* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS
  FEATURE CLASS NAME barricade_site_v4
    * OBJECT TYPE composite
    * OBJECT COUNT 857

Hide Vector ▲

ARCGIS FEATURE CLASS PROPERTIES ►
  FEATURE CLASS NAME barricade_site_v4
    * FEATURE TYPE Simple
    * GEOMETRY TYPE Polygon
    * HAS TOPOLOGY FALSE
    * FEATURE COUNT 857
    * SPATIAL INDEX TRUE
    * LINEAR REFERENCING FALSE

Hide ArcGIS Feature Class Properties ▲

Hide Spatial Data Properties ▲

Distribution ►

DISTRIBUTION FORMAT
  * NAME File Geodatabase Feature Class

TRANSFER OPTIONS
  * TRANSFER SIZE 0.000

Hide Distribution ▲

Fields ►

DETAILS FOR OBJECT barricade_site_v4 ►
  * TYPE Feature Class
  * ROW COUNT 857
  DEFINITION
    Table containing attribute information associated with the data set.

  DEFINITION SOURCE
    Producer defined

  FIELD OBJECTID ►
    * ALIAS OBJECTID
    * 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 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 Unit ►
* ALIAS   Unit
* DATA TYPE   String
* WIDTH   8
* PRECISION   0
* SCALE   0
FIELD DESCRIPTION
   Unique identifier for each individual CBRS unit.

DESCRIPTION SOURCE
   U.S. Fish and Wildlife Service

DESCRIPTION OF VALUES
   Units designated in 1982 typically start with letters A (Maine), C (Massachusetts), D (Rhode Island), E (Connecticut), F (New York), H (Delaware), K (Virginia), L (North Carolina), M (South Carolina), N (Georgia), P (Florida), Q (Alabama), R (Mississippi), S (Louisiana), or T (Texas). Units designated in 1990 typically start with the two letter state abbreviation. The Unit Numbers for Otherwise Protected Areas end in "P".

Hide Field Unit ▲

FIELD Name ►
* ALIAS   Name
* DATA TYPE   String
* WIDTH   254
* PRECISION   0
* SCALE   0
FIELD DESCRIPTION

The name of the unit.

DESCRIPTION SOURCE
U.S. Fish and Wildlife Service

DESCRIPTION OF VALUES
The units are generally assigned names based on a prominent feature in the vicinity of the unit.

Hide Field Name ▲

FIELD Unit_Type ►
* ALIAS   Unit_Type
* DATA TYPE   String
* WIDTH   25
* PRECISION   0
* SCALE   0
FIELD DESCRIPTION
CBRS units are one of two types: "System Units" and "Otherwise Protected Areas".

DESCRIPTION SOURCE
U.S. Fish and Wildlife Service

LIST OF VALUES
VALUE   Otherwise Protected Area
DESCRIPTION   The only Federal spending prohibition within OPAs is the prohibition on Federal flood insurance.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Producer defined

VALUE   System Unit
DESCRIPTION   Most new Federal expenditures and financial assistance, including Federal flood insurance, are prohibited within System units.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Producer defined

Hide Field Unit_Type ▲

FIELD Tier ►
* ALIAS   Tier
* DATA TYPE   SmallInteger
* WIDTH   2
* PRECISION   0
* SCALE   0
FIELD DESCRIPTION
The polygons in this data set have two tiers of horizontal accuracy depending on the methods used for digitization of the boundary lines, and the age and quality of the official CBRS map. Tier 1 polygons are of lower quality and accuracy than Tier 2 polygons. See the Horizontal Accuracy Statement for more information.

DESCRIPTION SOURCE
U.S. Fish and Wildlife Service

RANGE OF VALUES
MINIMUM VALUE   1
MAXIMUM VALUE   2

FIELD Fast_Acres ►
* ALIAS   Fast_Acres
* DATA TYPE   Single
* WIDTH   4
* PRECISION   0
* SCALE   0
FIELD DESCRIPTION
The approximate amount of fastlands (also known as uplands), in acres, that is landward of the shoreline of a unit. Land of this type is considered to generally consist of land above mean high tide. The value is derived by calculating the portion of the unit, inland of the shoreline, that is not covered by the National Wetlands Inventory (NWI) polygons.

DESCRIPTION SOURCE
U.S. Fish and Wildlife Service

RANGE OF VALUES
MINIMUM VALUE   0
MAXIMUM VALUE   45893

FIELD Wet_Acres ►
* ALIAS   Wet_Acres
* DATA TYPE   Single
* WIDTH   4
* PRECISION   0
* SCALE   0
FIELD DESCRIPTION
The approximate amount of wetlands and open water landward of the shoreline of a unit, in acres. This value is found derived by calculating the portion of the unit, landward of the shoreline, that contains NWI polygons. Note: the nearshore waters of a unit are not included in the wetlands acreage calculation.

DESCRIPTION SOURCE
U.S. Fish and Wildlife Service

RANGE OF VALUES
MINIMUM VALUE   0
MAXIMUM VALUE   102383

FIELD Shore_Mile ►
* ALIAS   Shore_Mile
* DATA TYPE   Single
* WIDTH   4
* PRECISION   0
* SCALE   0
FIELD DESCRIPTION
The approximate length of shoreline within a unit in miles. The shoreline generally follows the wet/dry sand line as interpreted from the base map image. Additionally, the shoreline crosses any inlets and/or other dividing water bodies within each unit.   In

conjunction with the boundaries of the unit, the shoreline is also used to define the total area of a unit that is subject to an acreage calculation.

DESCRIPTION SOURCE
U.S. Fish and Wildlife Service

RANGE OF VALUES
MINIMUM VALUE 0
MAXIMUM VALUE 123.599998474121

Hide Field Shore_Mile ▲

FIELD Shape_Leng ►
* ALIAS Shape_Leng
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0

Hide Field Shape_Leng ▲

FIELD Shape_Length ►
* ALIAS Shape_Length
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0
* FIELD DESCRIPTION
Length of feature in internal units.

* DESCRIPTION SOURCE
Esri

* DESCRIPTION OF VALUES
Positive real numbers that are automatically generated.

Hide Field Shape_Length ▲

FIELD Shape_Area ►
* ALIAS Shape_Area
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Area of feature in internal units squared.

DESCRIPTION SOURCE
ESRI

RANGE OF VALUES
MINIMUM VALUE 1.15945433538126E-06
MAXIMUM VALUE 0.0907640108977965

Positive real numbers that are automatically generated.

Hide Field Shape_Area ▲

Hide Details for object barricade_site_v4 ▲

OVERVIEW DESCRIPTION ►

ENTITY AND ATTRIBUTE OVERVIEW

CBRS Units: The Coastal Barrier Resources Act (CBRA), as amended, established the John H. Chafee Coastal Barrier Resources System (CBRS), a defined set of geographic units along the Atlantic, Gulf of Mexico, Great Lakes, U.S. Virgin Islands, and Puerto Rico coasts. Most new Federal expenditures and financial assistance are prohibited within the CBRS, unless those activities qualify for an exception under Section 6 of CBRA (16 U.S.C. § 3505). The U.S. Fish and Wildlife Service (Service), through the Secretary of the Interior, is responsible for administering CBRA which includes consulting with Federal agencies that propose spending funds within the CBRS. There are two types of units within the CBRS; "System units" and "Otherwise Protected Areas" (OPAs). The boundaries of System units are generally intended to follow geomorphic, development, or cultural features (e.g., wetland/upland interface, roads, etc.) and are depicted on the CBRS maps with bold solid lines. Most new Federal expenditures and financial assistance, including Federal flood insurance, are prohibited within System units. The CBRS currently includes 585 System units, which add up to approximately 1.3 million acres of land and associated aquatic habitat. The boundaries of OPAs are generally intended to coincide with the boundaries of conservation or recreation areas such as state parks and national wildlife refuges. OPAs are depicted on the CBRS maps with dotted/dashed lines and unit names followed by a "P" (e.g., FL-20P). The only Federal spending prohibition within OPAs is the prohibition on Federal flood insurance. The CBRS currently includes 272 OPAs which add up to approximately 1.9 million acres of land and associated aquatic habitat.

ENTITY AND ATTRIBUTE DETAIL CITATION

The entity and attribute information was generated by the individual and/or agency identified as the originator of the data set. Please review the rest of the metadata record for additional details and information.

Hide Overview Description ▲

Hide Fields ▲

Metadata Details ►

* METADATA LANGUAGE English (UNITED STATES)

SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset
SCOPE NAME * dataset

* LAST UPDATE 2015-07-21

ARCGIS METADATA PROPERTIES
   METADATA FORMAT   ArcGIS 1.0
   METADATA STYLE   FGDC CSDGM Metadata
   STANDARD OR PROFILE USED TO EDIT METADATA   FGDC

   CREATED IN ARCGIS FOR THE ITEM   2015-07-14   14:15:28
   LAST MODIFIED IN ARCGIS FOR THE ITEM   2015-07-21   82:14:50

   AUTOMATIC UPDATES
      HAVE BEEN PERFORMED   Yes
      LAST UPDATE   2015-07-21   08:21:24

Hide Metadata Details ▲

Thumbnail and Enclosures ▶

THUMBNAIL
   THUMBNAIL TYPE   JPG

Hide Thumbnail and Enclosures ▲

FGDC Metadata (read-only) ▼