Citation Information
Originator: Dean Oman
Publication Date: 2001
Title: State and 8 Digit Hydrologic Unit Boundaries for Puerto Rico and the U.S. Virgin Islands
Geospatial Data Presentation Format: Arc/Info
Publication Information
Publication Place: Washington, DC
Publisher: NRCS
Other Citation Details: NRI Map Room coverage
Online Linkage: http://prod.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs143_012676.zip

Description
Abstract
State and 8 digit hydrologic unit boundaries for Puerto Rico and the U.S. Virgin

Purpose
This coverage is intended as a basemap for national level analysis.

Supplemental Information
Procedures Used
This coverage contains the 8 digit hydrologic unit boundaries for Puerto Rico and the U.S. Virgin Islands. The coverage was downloaded by Iowa State University from USGS (http://water.usgs.gov/lookup/getspatial?huc250k).
NRCS clipped the coverage to a shoreline created by the National Center for Resource Innovations (NCRI). NCRI derived the shoreline from 1:2,000,000 scale USGS Digital Line Graph (DLG) files. It was joined with state boundaries using UNION. State boundaries where derived from a county coverage using RECLASS. Islands were removed from this coverage to optimize its use for dot density maps.

Revisions
This coverage was last updated in 2001.

Reviews Applied to Data
This coverage has received no formal review.

Related Spatial and Tabular Data Sets
Other NRI Map Room basemap coverages include counties and Federal lands, derived from USGS coverages, and a Major Land Resource Areas (MLRA) coverage derived from the MLRA map in Agricultural Handbook 296. These are intended to have the same shoreline and outer boundaries, although this has not been thoroughly verified.
References_Cited
NRCS National Headquarters, Resources Inventory and Assessment Division.

Notes

Time_Period_of_Content
Currentness_Reference
This coverage was last updated in 2001.

Status
Progress: complete
Maintenance_and_Update_Frequency
as needed

Spatial_Domain
Bounding_Coordinates
West_Bounding_Coordinate: -67.95138538
East_Bounding_Coordinate: -64.55865743
North_Bounding_Coordinate: 18.51243763
South_Bounding_Coordinate: 17.67309154

Keywords
Theme
Theme_Keyword_Thesaurus: None
Theme_Keyword: Hydrologic Units
Place
Place_Keyword_Thesaurus: None
Place_Keyword: Puerto Rico and the U.S. Virgin Islands
Stratum
Stratum_Keyword_Thesaurus: None
Stratum_Keyword:
Temporal
Temporal_Keyword_Thesaurus: None
Temporal_Keyword:

Access_Constraints
none

Use_Constraints
This coverage is designed for national, regional, and state level analysis. It may not be appropriate for use at larger scales. This map does not meet National Map Accuracy Standards.

Point_of_Contact: See Distribution_Information for contact information.

Data_Set_Credit
USGS
Mark Rogers, ISU, mtrogers@iastate.edu
Dean Oman at dean.oman@wdc.usda.gov
the RIAD staff at nri@wdc.usda.gov
George Muehlbach, NCRI, made the shoreline.

Security_Information
Security_Classification_System: None
Security_Classification: UNCLASSIFIED
Security_Handling_Description: None

Native_Data_Set_Environment: SunOS UNIX, ARC/INFO version 7.2.1

Cross_Reference
Originator: Dean Oman
Publication_Date: 2001
Publication_Time:
Title: State and 8 Digit Hydrologic Unit Boundaries for Puerto Rico and the U.S. Virgin Islands
Edition:
Geospatial_Data_Presentation_Form: Arc/Info
Data_Quality_Information

Attribute_Accuracy

Attribute_Accuracy_Report: See Entity Attribute Information

Quantitative_Attribute_Accuracy_Assessment

Attribute_Accuracy_Value: See Explanation
Attribute_Accuracy_Explanation:
Attribute accuracy is described, where present, with each attribute defined in the Entity and Attribute Section.

Logical_Consistency_Report: Polygon topology present.

Completeness_Report
complete

Positional_Accuracy

Horizontal_Positional_Accuracy

Horizontal_Positional_Accuracy_Report:

Vertical_Positional_Accuracy

Vertical_Positional_Accuracy_Report:

Lineage: See Supplemental Information for overview.

Process_Steps

Process_Description: DOMAN DISSOLVE PR2CROSS PR2STHU8 STHU8 POLY
Source_Used_Citation_Abbreviation: None
Process_Date: 19980504
Process_Time: 1319
Source_Produced_Citation_Abbreviation: None

Process_Description: DOMAN RESELECT PR2STHU8 PR2STHU8X POLY PR2SEL
Source_Used_Citation_Abbreviation: None
Process_Date: 19980504
Process_Time: 1355
Source_Produced_Citation_Abbreviation: None

Process_Description: DOMAN COPY PR2STHU8X ../STHU8X/PR2STHU8X
Source_Used_Citation_Abbreviation: None
Process_Date: 19980504
Process_Time: 1400
Source_Produced_Citation_Abbreviation: None

Process_Description: DOMAN PROJECTCOPY COVER PR2FIPS COVER /GIS/ARC/PERMANENT/STHU8X/PR2STHU8X
Source_Used_Citation_Abbreviation: None
Process_Date: 19980520
Process_Time: 1459
Cloud Cover

Spatial Data Organization Information

Direct Spatial Reference Method: Vector

Point and Vector Object Information

SDTS Terms Description
- SDTS Point and Vector Object Type: Point
- SDTS Point and Vector Object Type: String
- SDTS Point and Vector Object Type: GT-polygon composed of chains'
- SDTS Point and Vector Object Count: 8
- SDTS Point and Vector Object Count: 53
- SDTS Point and Vector Object Count: 9

Spatial Reference Information

Horizontal Coordinate System Definition
- Planar
  - Map Projection:
Map_Projection_Name: ALBERS
Longitude_of_Central_Meridian: -65.75
Latitude_of_Projection_Origin: 18
Latitude_of_First_Standard_Parallel: 17.875
Latitude_of_Second_Standard_Parallel: 18.5
False_Easting: 0.00000
False_Northing: 0.00000
Geodetic_Model
Horizontal_Datum_Name: North American Datum of 1927
Ellipsoid_Name: Clarke 1866
Semi-major_Axis: 6,378,206.4
Denominator_of_Flattening: 294.98

Entity_and_Attribute_Information

Detailed_Description
Entity_Type
Entity_Type_Label: PR2STHU8X.PAT
Entity_Type_Definition: 8 Digit Hydrologic Unit Codes
Entity_Type_Definition_Source: USGS
Attribute:
Attribute_Label: -
Attribute_Definition: 8 Digit Hydrologic Unit Codes
Attribute_Definition_Source: USGS
Attribute_Domain_Values
Enumerated_Domain
Enumerated_Domain_Value: -
Enumerated_Domain_Value_Definition
Enumerated_Domain_Value_Definition_Source:
Attribute:
Attribute_Label: AREA
Attribute_Definition: Area of poly/region in square coverage units
Attribute_Definition_Source: Computed
Attribute_Domain_Values
Enumerated_Domain
Enumerated_Domain_Value: Positive real numbers
Enumerated_Domain_Value_Definition
Enumerated_Domain_Value_Definition_Source:
Attribute:
Attribute_Label: PERIMETER
Attribute_Definition: Perimeter of poly/region in coverage units
Attribute_Definition_Source: Computed
Attribute_Domain_Values
Enumerated_Domain
Enumerated_Domain_Value: Positive real numbers
Enumerated_Domain_Value_Definition
Enumerated_Domain_Value_Definition_Source:
Attribute:
Attribute_Label: PR2STHU8X#
Attribute_Definition: Internal feature number
Attribute_Definition_Source: Computed
Attribute_Domain_Values
Enumerated_Domain
Enumerated_Domain_Value: Sequential unique positive integer
Enumerated_Domain_Value_Definition
Enumerated_Domain_Value_Definition_Source:
Attribute:
Attribute_Label: PR2STHU8X-ID
Attribute_Definition: User-assigned feature number
Attribute_Definition_Source: User-defined
Attribute_Domain_Values
Enumerated_Domain
Enumerated_Domain_Value: Integer
Enumerated_Domain_Value_Definition
Enumerated_Domain_Value_Definition_Source:
Attribute:
Attribute_Label: HU8
Attribute_Definition: 8 Digit Hydrologic Unit Code
Attribute_Definition_Source: USGS
Attribute_Domain_Values
Enumerated_Domain
Enumerated_Domain_Value:
Enumerated_Domain_Value_Definition

Attribute:
  Attribute_Label: HU6
  Attribute_Definition: 6 Digit Hydrologic Unit Code
  Attribute_Definition_Source: USGS
  Attribute_Domain_Values
    Enumerated_Domain
    Enumerated_Domain_Value:
      Enumerated_Domain_Value_Definition
      Enumerated_Domain_Value_Definition_Source:

Attribute:
  Attribute_Label: NAME
  Attribute_Definition: Hydrologic Unit Name
  Attribute_Definition_Source: USGS
  Attribute_Domain_Values
    Enumerated_Domain
    Enumerated_Domain_Value:
      Enumerated_Domain_Value_Definition
      Enumerated_Domain_Value_Definition_Source:

Overview_Description
  Entity_and_Attribute_Overview
  Attributes include 8 digit and 6 digit hydrologic unit codes.

  Entity_and_Attribute_Detail_Citation: Not Available

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Distribution_Information

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Metadata_Reference_Section

Metadata_Date: 19020107
Metadata_Contact:

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: 19940608
Metadata_Time_Convention: Local Time
Metadata_Security_Information:
  Metadata_Security_Classification_System: None
  Metadata_Security_Classification: UNCLASSIFIED
  Metadata_Security_Handling_Description: None

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