



Metadata for HI2MLRA

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Identification_Information

Citation_Information

Originator: Dean Oman
Publication Date: 2002
Title: Cartographer
Publication Information
Publication Place: Washington DC
Publisher: USDA/NRCS/NHQ/RAD
Other_Citation_Details: NRI Map Room Coverage
Online_Linkage: http://prod.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs143_013065.zip

Description

Abstract

Major Land Resource Area (MLRA) boundaries for Hawaii.

Purpose

This coverage is intended as a basemap for US national level natural resource analysis.

Supplemental_Information

Procedures_Used

This coverage contains the Major Land Resource Area (MLRA) boundaries for Hawaii. MLRA boundaries were revised in the mid-1990s from earlier versions established in the 1970s and 1980s by the U.S. Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS), formerly the Soil Conservation Service (SCS). The revised MLRA boundary coverage was digitized at the Soil Survey Center in Lincoln, Nebraska, the most recent version of which was completed in January of 1997. Buffer polygons were added to the U.S. national boundaries and shoreline by NRCS National Cartography and Geospatial Center in Fort Worth, Texas, for use with NRCS National Resources Inventory (NRI) digitized sample sites. These buffered boundaries were later removed by the NRCS National Headquarters office, Resources Inventory and Assessment Division (RAD) in May 2000, and the national shoreline and outer boundaries were made to conform to standard boundaries established for NRI Map Room series maps (<http://www.nrcs.usda.gov/technical/land/>). Those standard U.S. national boundaries and shoreline are based on 1:2,000,000 scale 8-digit hydrologic unit coverage obtained from the U.S. Geological Survey, circa 1990, and were edited by the National Center for Resource Innovations (NCRI) in Washington, DC and subsequently by NRCS/NHQ/RAD.

Revisions

The coverage was last updated in 2002.

Reviews_Applied_to_Data

This coverage has received no formal review.

Related_Spatial_and_Tabular_Data_Sets

This MLRA coverage is intended to have the same shoreline and outer boundaries as other coverages available in the NRCS NRI Map Room series (available online at <http://www.nrcs.usda.gov/technical/land/>), although their precise correspondence has not been thoroughly verified. These coverages include counties, 8-digit hydrologic units, and Federal lands, derived from USGS coverages, circa 1990.

References_Cited

NRCS National Headquarters, Resources Inventory and Assessment Division (RAD). See USDA Agriculture Handbook 296 "Land Resource Regions and Major Resource Areas of the United States" for a look at an earlier version of the map and an explanation of MLRA and LRR designations.

Notes

Time_Period_of_Content

Currentness_Reference

This coverage was last updated in 2002.

Status

Progress:

Maintenance_and_Update_Frequency

Not established.

Spatial_Domain**Bounding_Coordinates**

West_Bounding_Coordinate: -160.25690167
East_Bounding_Coordinate: -154.76083375
North_Bounding_Coordinate: 22.2251052
South_Bounding_Coordinate: 18.90230274

Keywords**Theme**

Theme_Keyword_Thesaurus: None
Theme_Keyword: Hydrologic Units

Place

Place_Keyword_Thesaurus: None
Place_Keyword: Hawaii

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 or may not be appropriate for use at larger scales. This map does not meet National Map Accuracy Standards. An improved version of the currently established MLRA lines is in development.

Point_of_Contact: See [Distribution_Information](#) for contact information.

Data_Set_Credit

Sharon Waltman (swaltman@nssc.nrcs.usda.gov), USDA/NRCS National Soil Survey Center boundary lines, excluding the U.S. national outline and lines immediately attached to it, which were replaced by later edits.

Kevin Grantham, USDA/NRCS National Cartographic and Geospatial Center added buffer polygons to the U.S. national boundaries.

Dean Oman (dean.oman@wdc.usda.gov), USDA/NRCS National Headquarters, Resources Inventory and Assessment Division, replaced the U.S. national shoreline and outer (including buffer polygons added by Kevin Grantham) with boundaries established for NRI Map Room series maps. (<http://www.nrcs.usda.gov/technical/land/>)

George Muehlbach, National Center for Resource Innovations (NCRI), Washington, DC, made the initial shoreline and national boundary adjustments to the 1:2,000,000 scale coverages obtained from the United States Geological Survey, which also serve as the shoreline and outer national boundaries for this MLRA coverage.

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: 2002
Publication_Time:
Title: Major Land Resource Area Boundaries for Hawaii
Edition:
Geospatial_Data_Presentation_Form: Arc/Info
Series_Information
Series_Name:
Issue_Identification:
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_013065.zip
Larger_Work_Citation:

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

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
Point_and_Vector_Object_Count: 10
SDTS_Point_and_Vector_Object_Type: String
Point_and_Vector_Object_Count: 3512
SDTS_Point_and_Vector_Object_Type: GT-polygon composed of chains'
Point_and_Vector_Object_Count: 10

Spatial_Reference_Information

Horizontal_Coordinate_System_Definition

Planar

Map_Projection:
Map_Projection_Name: ALBERS
Longitude_of_Central_Meridian: -156.4375
Latitude_of_Projection_Origin: 20.5625
Latitude_of_First_Standard_Parallel: 19.4375
Latitude_of_Second_Standard_Parallel: 21.2375
False_Easting: 0.00000
False_Northing: 0.00000

Geodetic_Model

Horizontal_Datum_Name: OHA_M
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: HI2MLRA.PAT
Entity_Type_Definition: Major Land Resource Areas for Hawaii
Entity_Type_Definition_Source: USDA/NRCS/NHQ/RAD

Attribute:

Attribute_Label: -
Attribute_Definition: Major Land Resource Areas for Hawaii
Attribute_Definition_Source: USDA/NRCS/NHQ/RAD
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: US48MLRA#
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: US48MLRA-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: MLRA
 Attribute_Definition: Major Land Resource Area code
 Attribute_Definition_Source:
 Attribute_Domain_Values
 Enumerated_Domain
 Enumerated_Domain_Value:
 Enumerated_Domain_Value_Definition
 Enumerated_Domain_Value_Definition_Source:

Attribute:
 Attribute_Label: MLRANAME
 Attribute_Definition: Name of Major Land Resource Area
 Attribute_Definition_Source:
 Attribute_Domain_Values
 Enumerated_Domain
 Enumerated_Domain_Value:
 Enumerated_Domain_Value_Definition
 Enumerated_Domain_Value_Definition_Source:

Attribute:
 Attribute_Label: MO
 Attribute_Definition:
 Attribute_Definition_Source:
 Attribute_Domain_Values
 Enumerated_Domain
 Enumerated_Domain_Value:
 Enumerated_Domain_Value_Definition
 Enumerated_Domain_Value_Definition_Source:

Attribute:
 Attribute_Label: LRR
 Attribute_Definition: Land Resource Region code
 Attribute_Definition_Source:
 Attribute_Domain_Values
 Enumerated_Domain
 Enumerated_Domain_Value:
 Enumerated_Domain_Value_Definition
 Enumerated_Domain_Value_Definition_Source:

Attribute:
 Attribute_Label: LRRNAME
 Attribute_Definition: Land Resource Region name
 Attribute_Definition_Source:
 Attribute_Domain_Values
 Enumerated_Domain
 Enumerated_Domain_Value:
 Enumerated_Domain_Value_Definition
 Enumerated_Domain_Value_Definition_Source:

Overview_Description

Entity_and_Attribute_Overview

HI2MLRA.PAT, polygon attribute table of HI2MLRA, using ARC/INFO software.

AREA: Area of poly/region in square coverage units.
 PERIMETER: Perimeter of poly/region in coverage units.
 US48MLRA#: Internal feature number.
 US48MLRA-ID: User-assigned feature number.
 MLRA: Major Land Resource Area designation code.
 MLRANAME: Major Land Resource Area designation name.
 MO:
 LRR: Land Resource Region designation code.
 LRRNAME: Land Resource Region designation name.

Entity_and_Attribute_Detail_Citation: Not Available

Distribution_Information

Metadata_Reference_Section

Metadata_Date: 19020103
 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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