Metadata for GNMMLRA

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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_012675.zip

Description

Abstract

Major Land Resource Area (MLRA) boundaries for Guam and the Northern Marianas.

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 Guam and the Northern Marianas. 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. 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, 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.
This coverage was last updated in 2002.

Not established.

West_Bounding_Coordinate: 144.53942688
East_Bounding_Coordinate: 145.90395364
North_Bounding_Coordinate: 15.28944114
South_Bounding_Coordinate: 13.23203873

None.

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.

None...

Sharon Waltman (swaltman@nssc.nrcs.usda.gov), USDA/NRCS National Soil Survey Can
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 boundaries
(including buffer polygons added by Kevin Grantham) with boundaries
established for NRI Map Room series maps.

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

None...

SunOS UNIX, ARC/INFO version 7.2.1

Cross_Referen...
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

Positional_Accuracy

Horizontal_Positional_Accuracy

Horizontal_Positional_Accuracy_Report:

Quantitative_Horizontal_Positional_Accuracy_Assessment:

Horizontal_Positional_Accuracy_Value: meters
Horizontal_Positional_Accuracy_Explanation: Resolution as reported

Vertical_Positional_Accuracy

Vertical_Positional_Accuracy_Report:

Lineage: See Supplemental Information for overview.

Process_Steps

Process_Step

Process_Description: DOMAN APPEND PBGNMCTY POLY FEATURES
Source_Used_Citation_Abbreviation: None
Process_Date: 19971103
Process_Time: 1227
Source_Produced_Citation_Abbreviation: None

Process_Step

Process_Description: DOMAN BUILD PBGNMCTY POLY
Source_Used_Citation_Abbreviation: None
Process_Date: 19971103
Process_Time: 1228
Source_Produced_Citation_Abbreviation: None

Process_Step

Process_Description: DOMAN RENAME PBGNMCTY GNMCTY
Source_Used_Citation_Abbreviation: None
Process_Date: 19971104
Process_Time: 848
Source_Produced_Citation_Abbreviation: None

Process_Step

Process_Description: RHUZIL EXPORT COVER /GIS/PART1/ARC/PERMANENT/CTY/GNMCTY GNCTY.E00 NONE
Source_Used_Citation_Abbreviation: None
Process_Date: 19971217
Process_Time: 1631
Source_Produced_Citation_Abbreviation: None

Process_Step

Process_Description: EXTERNALALL
Source_Used_Citation_Abbreviation: None
Process_Date: 19980202
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: 7
SDTS_Point_and_Vector_Object_Type: String
Point_and_Vector_Object_Count: 117
SDTS_Point_and_Vector_Object_Type: GT-polygon composed of chains'
Point_and_Vector_Object_Count: 8

Spatial_Reference_Information

Horizontal_Coordinate_System_Definition

Planar
Map_Projection:
Map_Projection_Name: ALBERS
Longitude_of_Central_Meridian: 155 + ( 0 / 60 ) + { / 3600 }
Latitude_of_Projection_Origin: 0
Latitude_of_First_Standard_Parallel: 12
Latitude_of_Second_Standard_Parallel: 15
False_Easting: 0,00000
False_Northing: 0,00000

Geodetic_Model
HorizontalDatum_Name: Clarke 1866
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:** GNMMLRA, PAT
**Entity Type Definition:** Major Land Resource Areas for the Conterminous 48 States
**Entity Type Definition Source:** USDA/NRCS/NHQ/RAD

**Attribute:**

**Attribute Label:** -
**Attribute Definition:** Major Land Resource Areas for the Conterminous 48 States
**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:** GNMMLRA#
**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:** GNMMLRA-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: MLRANAME
  - 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: MO
  - 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: LRRNAME
  - Enumerated Domain Value Definition
  - Enumerated Domain Value Definition Source:
Overview_Description

Entity_and_Attribute_Overview

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

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

Entity_and_Attribute_Detail_Citation: Not Available

Distribution_Information

Metadata_Reference_Section

Metadata_Date: 19020108
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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