



## 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](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 correspondance 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: 144.53942688

East\_Bounding\_Coordinate: 145.90395364

North\_Bounding\_Coordinate: 15.28944114

South\_Bounding\_Coordinate: 13.23203873

### Keywords

#### Theme

Theme\_Keyword\_Thesaurus: None

Theme\_Keyword:

#### Place

Place\_Keyword\_Thesaurus: None

Place\_Keyword: United States, Guam and the Northern Marianas

#### 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.

### Use\_Constraints

### Data\_Set\_Credit

Sharon Waltman (swaltman@nssc.nrcs.usda.gov), USDA/NRCS National Soil Survey Cen 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 1:2,000,000 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 Guam and the Northern Marianas

**Edition:**

**Geospatial\_Data\_Presentation\_Form:**

**Series\_Information**

Series\_Name:

Issue\_Identification:

**Publication\_Information**

Publication\_Place: Washington

Publisher: USDA/NRCS/NHQ/RAD

**Other\_Citation\_Details:** Reviewed by USDA/NRCS/NSSC

Online\_Linkage: [http://prod.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs143\\_012675.zip](http://prod.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs143_012675.zip)  
Larger\_Work\_Citation:

#### Cross\_Reference

Originator:  
Publication\_Date:  
Publication\_Time:  
Title:  
Edition:  
Geospatial\_Data\_Presentation\_Form:  
Series\_Information  
Series\_Name:  
Issue\_Identification:  
Publication\_Information  
Publication\_Place:  
Publisher:  
Other\_Citation\_Details:  
Online\_Linkage:  
Larger\_Work\_Citation:

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## 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 GNMCTY.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

Process\_Time: 1018  
 Source\_Produced\_Citation\_Abbreviation: None  
**Process\_Step**  
 Process\_Description: DOMAN RENAME GNMCTY GNMFIPS  
 Source\_Used\_Citation\_Abbreviation:None  
 Process\_Date: 19980202  
 Process\_Time: 1118  
 Source\_Produced\_Citation\_Abbreviation: None  
**Process\_Step**  
 Process\_Description: DOMAN COPY ../FIPS/GNMFIPS GNMMLRA  
 Source\_Used\_Citation\_Abbreviation:None  
 Process\_Date: 20000427  
 Process\_Time: 1001  
 Source\_Produced\_Citation\_Abbreviation: None  
**Process\_Step**  
 Process\_Description: DOMAN ARCEDIT /GIS/ARC/PERMANENT/MLRA/GNMMLRA  
 Source\_Used\_Citation\_Abbreviation:None  
 Process\_Date: 20000427  
 Process\_Time: 1131  
 Source\_Produced\_Citation\_Abbreviation: None  
**Process\_Step**  
 Process\_Description: DOMAN BUILD GNMMLRA  
 Source\_Used\_Citation\_Abbreviation:None  
 Process\_Date: 20000427  
 Process\_Time: 1132  
 Source\_Produced\_Citation\_Abbreviation: None  
**Process\_Step**  
 Process\_Description: DOMAN ARCEDIT /GIS/ARC/PERMANENT/MLRA/GNMMLRA  
 Source\_Used\_Citation\_Abbreviation:None  
 Process\_Date: 20000622  
 Process\_Time: 1648  
 Source\_Produced\_Citation\_Abbreviation: None  
**Process\_Step**  
 Process\_Description: DOMAN ARCEDIT /GIS/ARC/PERMANENT/MLRA/GNMMLRA  
 Source\_Used\_Citation\_Abbreviation:None  
 Process\_Date: 20000622  
 Process\_Time: 1651  
 Source\_Produced\_Citation\_Abbreviation: None  
**Process\_Step**  
 Process\_Description: KMUSSEER DOCUMENT GNMMLRA COPY /GIS/ARC/PERMANENT/MLRA/US48MLRA KMUSSEER  
 Source\_Used\_Citation\_Abbreviation:None  
 Process\_Date: 20020108  
 Process\_Time: 1324  
 Source\_Produced\_Citation\_Abbreviation: None  
**Process\_Step**  
 Process\_Description: KMUSSEER DOCUMENT GNMMLRA UPDATE KMUSSEER  
 Source\_Used\_Citation\_Abbreviation:None  
 Process\_Date: 20020108  
 Process\_Time: 1328  
 Source\_Produced\_Citation\_Abbreviation: None

Cloud\_Cover

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## 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

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## 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

Horizontal\_Datum\_Name:  
 Ellipsoid\_Name: Clarke 1866  
 Semi-major\_Axis: 6,378,206.4  
 Denominator\_of\_Flattening: 294.98

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## Entity\_and\_Attribute\_Information

### Detailed\_Description

#### Entity\_Type

**Entity\_Type\_Label:** GNMLRA.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: GNMLRA#

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: GNMLRA-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: MLRNAME

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

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.  
MO:  
LRR: Land Resource Region designation code.  
LRRNAME: Land Resource Region designation name.

**Entity\_and\_Attribute\_Detail\_Citation:** Not Available

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## Distribution\_Information

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## 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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