

Layer Name: Major Land Resource Areas

File Name: MajLandResAreas

Layer Type: Polygon

Status: Complete

Geog. Extent: Main Hawaiian Islands

Projection: Universal Trans Mercator, Zone 4 (Meters)

Datum: NAD 83 HARN

Description: Major Land Resource Areas for the main Hawaiian islands. Major land resource areas (MLRA's) are geographically associated land resource units (LRU's). Identification of these large areas is important in statewide agricultural planning and has value in interstate, regional, and national planning.

Source: NRCS, 2002

History: (From metadata provided by NRCS):

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, Resource Assessment Division (RAD) in May 2000, and the national shoreline and outer boundaries were made to conform to standard boundaries established for State of the Land 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 State of the Land series (available online at <http://www.nrcs.usda.gov/technical/land/>), 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, Resource 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.

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@usda.gov), USDA/NRCS National Headquarters, Resource Assessment Division, replaced the U.S. national shoreline and outer boundaries (including buffer polygons added by Kevin Grantham) with boundaries established for State of the Land 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.

Note:

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.

Attributes: Polygons:

AREA:	Area of poly/region in square coverage units.
PERIMETER:	Perimeter of poly/region in coverage units.
MLRA:	Major Land Resource Area designation code.
MLRANAME:	Major Land Resource Area designation name.
MO:	Unknown
LRR:	Land Resource Region designation code.
LRRNAME:	Land Resource Region designation name.

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