

Layer Name: Elevation Ranges

File Name: elrange

Layer Type: Polygon

Status: Complete

Geog. Extent: Islands of Kauai, Oahu, Molokai, Lanai, Maui,  
Kahoolawe and Hawaii

Projection: Universal Transverse Mercator, Zone 4 (Meters)

Datum: NAD 83 HARN

*Please note - if you are using data in the [State's web services](#) or downloading from the [State's geoportal](#), the data is served and exported in WGS84 coordinates, although it is stored internally in UTM coordinates.*

Description: Created using the 1983 USGS DEMs.

Source: USGS Digital Elevation Models, 1983 version.

History: Elevation Range polygons created using elevation contours generated from the USGS 1:24,000 and 1:250,000 DEMs, (1:250,000: Hawaii, Kauai, Maui, Molokai, Oahu, 1:24,000: Kahoolawe, Lanai), using Arc/Info v.6).

Note: Apr 2024 – Hawaii Statewide GIS Program staff removed extraneous fields that had been added as part of the 2016 GIS database conversion and were no longer needed.

Attributes: Polygons:

AREA	Area of polygon in square meters (for Arc/Info use)
PERIMETER	Perimeter of polygon in meters (for Arc/Info use)
LOWELEV	Low Value of elevation range, in feet
HIGHELEV	High Value of elevation range, in feet

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