

Layer Name: 3 Nautical Mile Boundary

Shapefile Name: Three_Naut_Mile_Bndry

Layer Type: Polygon

Status: Complete

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

Projection: Universal Trans Mercator, Zone 4 (Meters)

Datum: NAD 83 HARN

Description: This dataset contains the 3 Nautical Mile Boundaries located within the vicinity of the main Hawaiian Islands.

Source: USGS Digital Line Graphs, 1983 version, and derived boundaries.

History: This file was created by merging the coast_n83 polygon file with the islets_n83 polygon file from the State of Hawaii, Office of Planning using the union tool in ESRI's ArcGIS 9.1. A three nautical mile buffer was applied using the buffer tool in ArcGIS 9.1 then buffered polygons were merged. The coast_n83 and islets_n83 polygons were clipped using the erase tool in ArcInfo 9.1. Individual polygon areas were calculated using the calculate areas tool within ArcGIS 9.1. Projection is UTM Zone 4, and datum is NAD 83 HARN. File was completed in December, 2006.

Attributes: Polygons:

F_AREA	Area of polygon in meters
ID	Polygon ID (for Arc/Info use)
Island	Island Name

NOTE: Data not to be used for navigational purposes. Data were not reviewed or authenticated by the Office of Coast Survey, NOAA National Ocean Service. NOAA is not responsible for the use of these data as a navigational tool or area estimates.

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