

Layer Name: Geoid 12B

File Name: Geoid_12B

Layer Type: Polygon

Status: Complete

Geog. Extent: Main Hawaiian Islands

Projection: Universal Trans Mercator, Zone 4, Meters

Datum: NAD 83 HARN

Description: The National Geodetic Survey (NGS) has been producing the hybrid geoid to convert the ellipsoidal height obtained from the Global Navigation Satellite System (GNSS) to the orthometric height of a specific vertical datum. The GEOID12B model is intended to transform between NAD 83 (2011/PA11/MA11) and the respective vertical datums for the different regions, including NAVD88, GUVDO4, ASVD02, NMVD03, PRVD02 and VIVD09.

NOAA National Geodetic Survey raster dataset was processed and converted to polygon by Craig Clouet, ESRI, April, 2017. Units represent the difference to Height Above Ellipsoid (HAE).

Source: NOAA National Geodetic Survey

Reference: <http://www.ngs.noaa.gov/GEOID/GEOID12/>

Attributes: Polygons

ID	Polygon ID
GEOIDM	Height difference to HAE in meters
GEOIDFT	Height difference to HAE in feet

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