

Layer Name: Bottom Type

File Name: BottomType

Layer Type: Point

Status: Complete

Geog. Extent: Main Hawaiian Islands

Projection: Universal Trans 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: This dataset contains those marine bottom type/seabed classifications within the vicinity of the main Hawaiian Islands and recorded on the nautical charts.

Source: NOAA Raster Nautical Charts

History: The raster nautical charts were first re-projected from their original projection/datum to UTM Zone 4, Old Hawaiian using NOAA's Nautical Chart Re-projector v1.8.3. NOAA's ArcView ChartViewer extension was used to display the re-projected nautical charts in ArcView v3.2. Objects were then digitized off the individual nautical charts and merged into a single dataset/shapefile which covers the entire state. The dataset was then transformed to UTM Zone 4, NAD 83, to adhere to new project requirements, using the Hawaii Datums and Projections extension in ArcView. Completed December, 2002.

Attributes: ID: Point ID
Code: Seabed alphabetic code as reported on the nautical charts
Seabed: Interpretation of alphabetic code
Sourcethm: Indicates source chart. Generated by xtools during "merge themes" process

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