

Layer Name: Obstructions (Nautical Charts)
File Name: obstructions
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 obstructions located in marine waters 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, NAD 83 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 from the individual nautical charts and merged into a single dataset/shapefile which covers the entire state. Completed December, 2002.

Attributes: Polygons:

ID	Point ID
Type	Type of obstruction as reported on the nautical charts
Notes	Notes pertaining to individual objects as reported on the nautical charts
Descript	Description of object as interpreted from the nautical chart symbol

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.

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