

Layer Name: Marine (and Freshwater) Managed Areas (DAR)

File Name: MMA_DAR

Layer Type: Polygon

Status: Will be updated as needed by DAR

Geog. Extent: Main Hawaiian Islands

Projection: Universal Transverse Mercator, Zone 4 (Meters), NAD 83 HARN

Please note - if you download data from the State's geoportal (<https://geoportal.hawaii.gov/>), the data is exported in WGS84 coordinates, although it is stored internally (in the State's geodatabase), served in the State's web services (<https://geodata.hawaii.gov/arcgis/rest/services>) and made available in the State's legacy download site (<https://planning.hawaii.gov/gis/download-gis-data-expanded/>) in UTM / NAD 83 coordinates.

Abstract: Marine (and Freshwater) Managed Areas (MMAs) in the Main Hawaiian Islands **as of May, 2023**. This is not a comprehensive layer/listing of all fishing regulations.

Fishing and other activities may be restricted in other areas of the State under the jurisdiction of other divisions of the Department of Land and Natural Resources and other governmental agencies. Some of these areas include:

Department of Land and Natural Resources – in addition to the areas shown, Waimanu Estuarine Sanctuary, Hawai'i; Alaka'i Wilderness Preserve, Kaua'i; Kanaha Pond Wildlife Sanctuary, Maui; Hawai'i State Seabird Sanctuary (various statewide islands and islets); Small boat harbor facilities.

Department of Transportation – Commercial harbor facilities.

U.S. Fish and Wildlife Service – National Wildlife Refuge areas.

This data is intended for informational purposes and not for legal or navigational use. Data represent best efforts to ensure accuracy but data are as is with no expressed warranty of any kind.

Source: This map was created for the Department of Land and Natural Resources, Division of Aquatic Resources, by the Hawai'i Coral Reef Initiative (HCRI) spatial analyst staff. **Updated by HCRI and DAR, Mar. 2018; June 2019; Jan. 2020; May 2023.** Spatial boundaries were originally developed from several sources (listed below) and updated using additional information from DAR and boundary descriptions from the Hawaii Administrative Rules (HAR).

- 1) DAR website: <http://dlnr.hawaii.gov/dar/marine-managed-areas/about-marine-managed-areas/>
- 2) Shapefiles from Randy Honebrink of DAR
- 3) Geodatabase of marine protected areas from the Ocean Tipping Points (OTP) project provided by Joey Lecky (April 6, 2016)
- 4) Shapefile downloaded from the Anthropocene Institute:
<http://anthropoceneinstitute.com/data>

For more information about this dataset, please contact the Division of Aquatic Resources.

Attributes:**Polygons:**

Site_Label:	Full name of site, including diacritical marks
Site_Name:	Abbreviated name of site, without diacritical marks
MMA_Designation:	MMA Designation (Type)
Major_Class:	Primary designation for the MMA, abbreviated
	BRFA: Bottomfish Restricted Fishing Area
	CBSFA: Community-Based Subsistence Fishing Area
	FMA: Fisheries Management Area (includes subareas Such as Fish Replenishment Areas, Netting Restricted Areas, Statutory areas, and special rules)
	LNFPFA: Lay Net Fishing Prohibited Area
	MLCD: Marine Life Conservation District
	Other DLNR: Other Marine Managed Area Type managed by DLNR Authorities
	PFA: Public Fishing Area
Minor_Class:	Secondary designation for the MMA
	FRA: Fish Replenishment Area
	Island Reserve: Kirc-managed Reserve
	MR: Marine Reserve
	NRA: Netting Restricted Area
	Other –
	Special Rules: Defined by Special Rules
	Statutory: Reserve only defined in HRS, not in HAR or HAR/HRS Wildlife
	Sanctuary: DOFAW-managed Wildlife Sanctuary
Major_Area:	Specifies if an area is part of a larger managed area system
URL:	Link to the site's specific page on the DAR website
Legislation:	Title of the regulations (HAR, HRS)
HAR_link:	Link to the Hawai'i Administrative Rules pertaining to the site
Statute_link:	Link to the Hawai'i Revised Statutes pertaining to the site, if applicable
Location:	Description of the location of the MMA
Permitted:	Activities that are allowed; copied from the DAR website
Prohibited:	Activities that are not allowed; copied from the DAR website
Exceptions_and_Permits:	Exceptions and Permits related to the MMA as described in the administrative rule
Penalty:	Applicable penalties for violating the rules related to the MMA as described in the administrative rule
Additional_Information:	Additional Information about the MMA
Shape_Length:	Perimeter of polygon, in meters, calculated by the GIS
Shape_Area:	Area of polygon, in square meters, calculated by the GIS

Contact: Statewide GIS Program
Office of Planning and Sustainable Development
State of Hawaii
PO Box 2359, Honolulu, HI 96804
Phone: (808) 587-2846; Email: gis@hawaii.gov

Division of Aquatic Resources, Department of Land & Natural Resources, State of Hawaii
Phone: (808) 587-0100
Email: DLNR.aquatics@hawaii.gov