

## **Marine Managed Areas to Protect Marine Life: Hawaii Data and Version History**

Provided by: ProtectedSeas, Last Update: December 13, 2018

Current Version: 1.18.12.0

### **Data Sources:**

The NOAA MPA Center 2014 dataset was the starting source for our Hawaii dataset of marine managed areas. We also included data from:

- a. Hawaii Department of Land and Natural Resources – Division of Aquatic Resources (DAR)
- b. Hawaii Office of Planning
- c. Hawaii Department of Land and Natural Resources – Boating and Ocean Recreation (DBOR)
- d. Hawaii Department of Land and Natural Resources – Conservation and Resources Enforcement (DOCARE)
- e. U.S. Fish and Wildlife Service – National Wildlife Refuges and Marine National Monuments
- f. NOAA Office for Coastal Management - Pacific Islands
- g. NOAA Fisheries - National Marine Sanctuaries
- h. National Park Service - National Parks and National Historic Sites

Some of the marine managed areas in Hawaii not in NOAA's 2014 dataset but included in ours are:

- a. the State of Hawaii three nautical mile line with an included overview of restrictions
- b. NOAA general restrictions up to the 200 nautical mile line constituting the United States Exclusive Economic Zone (EEZ).
- c. NOAA-designated Groundfish Conservation Areas, Protected Species Zones, Ecosystem Management and Permit Areas.
- d. Additions and updates to the types of MPAs with the same management authority as contained in the primary list.
- e. Hawaii Fish Replenishment Areas, Fishery Management Areas, Marine Life Conservation Districts, Marine Refuges, Netting Restricted Areas, Subsistence Fishing Areas, Boating Restricted Areas and Swimming Areas.

Our dataset does not include Critical Habitats, since they restrict activities of Federal agencies but do not include additional restrictions for mariners.

### **Version History:**

The first release, Version 1.15.12.0, was on 12/01/2015.

Version 1.16.1.0 was released on 1/01/2016.

Version 1.16.2.0 was released on 2/01/2016.

Version 1.16.3.0 was released on 3/01/2016.

Version 1.16.4.0 was released on 4/01/2016.

Version 1.16.5.0 was released on 5/01/2016.

Version 1.16.6.0 was released on 6/01/2016.

Version 1.16.7.0 was released on 7/01/2016.

Version 1.16.8.0 was released on 8/01/2016.

Version 1.16.9.0 was released on 9/01/2016.

Version 1.16.10.0 was released on 10/01/2016.

Version 1.16.11.0 was released on 11/01/2016.

Version 1.17.1.0 was released on 01/01/2017.

Version 1.17.2.0 was released on 02/01/2017.

Version 1.17.3.0 was released on 03/01/2017.

Version 1.17.4.0 was released on 04/01/2017.

Version 1.17.5.0 was released on 05/01/2017.

Version 1.17.7.0 was released on 07/01/2017.

Version 1.17.8.0 was released on 08/01/2017.  
Version 1.17.9.0 was released on 09/01/2017.  
Version 1.17.11.0 was released on 11/01/2017.  
Version 1.18.03.0 was released on 03/01/2018.  
Version 1.18.06.0 was released on 06/01/2018.  
Version 1.18.12.0 was released on 12/13/2018.

#### Review Status:

This dataset has been submitted for review to Managing Authorities.

#### Definitions

**Existing Areas:** Sites that exist in the NOAA 2014 dataset and that AI verified are unchanged (i.e. same boundaries and are still protected under current regulations).

**Updated Areas:** Sites that have had their metadata or boundary information updated since the last version.

**Removed Areas:** Sites that were removed from our dataset because AI verified they no longer exist.

**New Areas:** Sites that have been added to the dataset since the last version (either digitized by AI based on boundary information in regulations or obtained from Managing Authority). *Naming convention:* For sites not included in NOAA's 2014 dataset, we assigned a Site ID. The ID starts with 'AI' and formulates an acronym with the 'Name'. If there is seasonality, then we indicate it is seasonal, and the dates if they are available (e.g. Recreational Rockfish Conservation Areas - Northern Management Area - AINMFRC5a - is for regulations in effect May 15 to Oct 31)

**Entry/Stopping/Anchoring/Landing Prohibited Areas:** When public access to a marine managed area is completely prohibited, this area will be displayed as a no-entry area. However, many marine managed areas contain sub-areas that restrict or prohibit public access. To the extent possible, these restricted areas have either been separated out and are individually displayed as no-entry areas, or the access restrictions are indicated in the restrictions text. Further, any areas with seasonal closures will not be displayed as a no-entry areas; instead the seasonal closures will be indicated in the restrictions text. Other restricted activities, such as diving, stopping, anchoring, and landing, will follow the same method.

#### > INITIAL RELEASE: 11/23/15

##### Existing Areas

Site ID	Site Name
HI64	Ala Wai Canal Fishery Management Area
HI23	Hilo Bay, Wailoa River, Wailuku River Fishery Management Area
HI63	Honolulu Harbor Fishery Management Area
HI69	Kahekili Herbivore Fisheries Management Area
HI68	Kapalama Canal Fishery Management Area
HI6	Kiholo Bay Fishery Management Area
HI4	Nawiliwili Harbor Fishery Management Area - Zone A

HI66	Pokai Bay Fishery Management Area
HI3	Port Allen Fishery Management Area - Zone A
HI65	Waialua Bay (Haleiwa Harbor) Fishery Management Area
HI1	Waikiki-Diamond Head Fishery Management Area
HI25	Waimea Bay, Waimea Recreational Pier Fishery Management Area
NPS23	Kalaupapa National Historical Park
NPS24	Kaloko-Honokohau National Historical Park
HI22	Moku-o-loe Island (Coconut Island) Marine Laboratory Refuge
HI20	Hanauma Bay Marine Life Conservation District
HI19	Honolua-Mokuleia Bay Marine Life Conservation District
HI62	Wai'opae Tidepools Marine Life Conservation District
HI21	Wailea Bay Marine Life Conservation District
HI13	Waikiki Marine Life Conservation District
MNM1	Papahānaumokuākea Marine National Monument
NPS43	Puukohola Heiau National Historic Site
NMS9	Hawaiian Islands Humpback Whale National Marine Sanctuary
NWR158	Pearl Harbor National Wildlife Refuge
HI11	Ahihi-Kinau Natural Area Reserve
HI34	Kaho'olawe Island Reserve
HI42	Ka Lae (South Point) Bottomfish Restricted Fishing Area
HI50	Ka'ena Bottomfish Restricted Fishing Area
HI53	Ka'ula Rock Bottomfish Restricted Fishing Area
HI47	Kaluapapa Bottomfish Restricted Fishing Area
HI43	Lele'iwi Point Bottomfish Restricted Fishing Area
HI51	Makahu'ena Bottomfish Restricted Fishing Area
HI49	Makapu'u Point Bottomfish Restricted Fishing Area
HI46	Moku Ho'oniki, Moloka'i - Lipoa Point., Maui Bottomfish Restricted Fishing Area
HI45	Mokumana - Umalei Point Bottomfish Restricted Fishing Area
HI52	Ni'ihau Bottomfish Restricted Fishing Area
HI48	Penguin Bank Bottomfish Restricted Fishing Area
HI44	Upolu Bottomfish Restricted Fishing Area
HI10	Paiko Lagoon Wildlife Sanctuary
NMF23	WestPac Bed

### Updated Areas

Site ID	Site Name	Notes	Data Source(s)
HI28_1	Hanamaulu Bay, Ahukini Recreational Pier Fishery Management Area - Zone 1	HI28 split into HI28_1 and HI28_2	NOAA
HI28_2	Hanamaulu Bay, Ahukini Recreational Pier Fishery Management Area - Zone 2	HI28 split into HI28_1 and HI28_2	NOAA
HI67	He'eia Kea Wharf Fishery Management Area	Edited boundary for area to cover entire wharf.	NOAA
HI26	Kahului Harbor Fishery Management Area	Digitized new area based on regulations	
HI29_A	Kailua Bay Fishery Management Area - Zone A	NOAA data HI29 only shows zone A	DLNR – DAR - WHRFMA
HI29_B	Kailua Bay Fishery Management Area - Zone B	NOAA data (HI29 only shows zone A	DLNR – DAR - WHRFMA
HI9_1A	Kaunakakai Harbor Fishery Management Area - Area 1A	HI9 split into HI9_1A, HI9_1B and HI9_2	NOAA
HI9_1B	Kaunakakai Harbor Fishery Management Area - Area 1B	HI9 split into HI9_1A, HI9_1B and HI9_2	NOAA
HI9_2	Kaunakakai Harbor Fishery Management Area - Area 2	HI9 split into HI9_1A, HI9_1B and HI9_2	NOAA
HI8	Kawaihae Harbor Fishery Management Area	Boundary edited to match coastline	NOAA
HI7_A	Keauhou Bay Fishery Management Area_Thrownetting Zone	HI7 split into HI_1 and HI_2 based on WHRFMA data	NOAA - DLNR DAR WHRFMA
HI7_B	Keauhou Bay Fishery Management Area	HI7 split into HI_1 and HI_2 based on WHRFMA data	NOAA - DLNR DAR WHRFMA
HI24_A	Kona Coast Fishery Management Area - Wawaloli Zone	Obtained data from managing authority	DLNR – DAR - WHRFMA
HI24_B	Kona Coast Fishery Management Area - Papawai Bay Zone	Obtained data from managing authority	DLNR – DAR - WHRFMA
HI24_C	Kona Coast Fishery Management Area - Kailua Bay Zone	Obtained data from managing authority	DLNR – DAR - WHRFMA
HI24_D	Kona Coast Fishery Management Area - Red Hill Zone	Obtained data from managing authority	DLNR – DAR - WHRFMA
HI5_1	Manele Harbor Fishery Management Area - Area 1	NOAA HI5 split into HI5_1 and HI5_2	NOAA
HI5_2	Manele Harbor Fishery Management Area - Area 2	NOAA HI5 split into HI5_1 and HI5_2	NOAA
HI2	Puako Bay, Puako Reef Fishery Management Area	NOAA HI2 boundary edited to match geographic coordinates found in regulations	NOAA
HI27	West Hawaii Regional Fishery Management Area	Multi polygon. Boundaries edited according to regulations and incoming	DLNR – DAR - WHRFMA

		data from managing authority. Individual polygons merged into one entry.	
HI18_A	Kealahou Bay Marine Life Conservation District - Subzone A	NOAA HI18 split into HI18_A and HI18_B	
HI18_B	Kealahou Bay Marine Life Conservation District - Subzone B	NOAA HI18 split into HI18_A and HI18_B	
HI17_A	Lapakahi Marine Life Conservation District - Subzone A	NOAA HI17 split into HI17_A and HI17_B	
HI17_B	Lapakahi Marine Life Conservation District - Subzone B	NOAA HI17 split into HI17_A and HI17_B	
HI16_A	Manele-Hulopoe Marine Life Conservation District - Subzone A	NOAA HI16 split into HI16_A and HI16_B	
HI16_B	Manele-Hulopoe Marine Life Conservation District - Subzone B	NOAA HI16 split into HI16_A and HI16_B	
HI15_A	Molokini Shoal Marine Life Conservation District - Subzone A	NOAA HI15 split into HI15_A and HI15_B	
HI15_B	Molokini Shoal Marine Life Conservation District - Subzone B	NOAA HI15 split into HI15_A and HI15_B	
HI14_1	Old Kona Airport Marine Life Conservation District	NOAA HI14 split into HI14_1 and HI14_2	
HI14_2	Old Kona Airport Marine Life Conservation District - No Boating Zone	NOAA HI14 split into HI14_1 and HI14_2	
HI12	Pupukea Marine Life Conservation District	NOAA data HI12 includes 2 separate areas under HI12 (Pupukea Marine Life Conservation District HI12 & Waikiki Marine Life Conservation District HI13).	
NMF34	Longline Protected Species Zone	NOAA NMF34 overlaps MNM1 - wrong boundary. NMF34 digitized based on geographic coordinates found in regulations.	

#### New Areas

Site ID	Site Name	Notes	Data Source(s)
AIHI3NM	3 NM HI Boundary	3NM boundary obtained from HI State Agency – Polygon digitized by AI	Office of Planning
AIUSHI200NM EEZ	200 NM US EEZ Boundary	US_MaritimeLimitsBoundary_HI boundary obtained from NOAA – Polygon digitized by AI and split at -180°. Polygon displayed as 2	NOAA

		polygons	
AIHIFRA1	North Kohala Fish Replenishment Area	Obtained from Managing Authority	DLNR – DAR - WHRFMA
AIHIFRA2	Puako-Anaehoomalu Fish Replenishment Area	Obtained from Managing Authority	DLNR – DAR - WHRFMA
AIHIFRA3	Ka'upulehu Fish Replenishment Area	Obtained from Managing Authority	DLNR – DAR - WHRFMA
AIHIFRA10	Kaloko-Honokohau Fish Replenishment Area	Obtained from Managing Authority	DLNR – DAR - WHRFMA
AIHIFR9	Kailua-Keauhou Fish Replenishment Area	Obtained from Managing Authority	DLNR – DAR - WHRFMA
AIHIFRA4	Red Hill Fish Replenishment Area	Obtained from Managing Authority	DLNR – DAR - WHRFMA
AIHIFRA5	Napo'opo'o-Honaunau Fish Replenishment Area	Obtained from Managing Authority	DLNR – DAR - WHRFMA
AIHIFRA6	Ho'okena Fish Replenishment Area	Obtained from Managing Authority	DLNR – DAR - WHRFMA
AIHIFRA7	Ka'ohe Beach Fish Replenishment Area	Obtained from Managing Authority	DLNR – DAR - WHRFMA
AIHI001	'Ewa Limu Management Area	Digitized by AI from regulations and data received from Office of Planning	
AIHIFRA8	South Kona (Milol'i) Fish Replenishment Area	Obtained from Managing Authority	DLNR – DAR - WHRFMA
AIHI002	Northwestern Hawaiian Islands Marine Refuge	Digitized using islands geog coordinates from AIHI088 and NOAA coastline data. Created 3NM buffer of the islands' geog coordinates and 3NM buffer of coastline. Joined buffer zones into 1 polygon.	NOAA
AIHINWR1	Midway Atoll National Wildlife Refuge	Obtained from Managing Authority	FWS
AIHINWR2	Kakahaia National Wildlife Refuge	Obtained from Managing Authority	FWS
AIHINWR3	Kilauea Point National Wildlife Refuge	Obtained from Managing Authority	FWS
AIHIFRA11	Kikaua Point-Makole'a Point Netting Restricted Area	Obtained from Managing Authority	DLNR – DAR - WHRFMA
AIHIFRA12	Nenu	Obtained from Managing Authority	DLNR – DAR - WHRFMA

	Point-Kealakekua Bay Netting Restricted Area		
AIHIFRA13	Hanamalo Point-Kanewa'a Point Netting Restricted Area	Obtained from Managing Authority	DLNR – DAR - WHRFMA
AIHIFRA14	Kanonohe-Kalipoa Netting Restricted Area	Obtained from Managing Authority	DLNR – DAR - WHRFMA
AIHI003	Southern Exclusion Zone	Digitized by AI	
AIHI004	Protected Species Study Zone	Digitized by AI	
AIHI005	MHI Management Subarea	Digitized by AI	
AIHI006	Ho'omalū Zone	Digitized by AI	
AIHI007	Mau Zone	Digitized by AI	
AIHI087	Ha'ena Community-based Subsistence Fishing Area	Digitized by AI	
AIHI087_A	Ha'ena Community-based Subsistence Fishing Area - 'Ōpihi Management Area	Digitized by AI	
AIHI087_B	Ha'ena Community-based Subsistence Fishing Area - Vessel Transit Boundary	Digitized by AI	
AIHI087_C	Ha'ena Community-based Subsistence Fishing Area - Makua Pu'uho'oua	Digitized by AI	
AIHI011	Hancock Seamount	Digitized by AI	
AIHI012	Precious Coral Permit Areas	Digitized by AI	
AIHI013	Crustacean Permit Area 1	Digitized by AI	
AIHI014	Crustacean Permit Area 2	Digitized by AI	
AIHI088	Crustacean Permit Area 1 VMS Subarea	Digitized by AI	

AIHI015_A	Waikiki Ocean Waters Restricted Areas - Zone A	Digitized by AI	
AIHI016_B	Waikiki Ocean Waters Restricted Areas - Zone B	Digitized by AI	
AIHI017_C	Waikiki Ocean Waters Restricted Areas - Zone C	Digitized by AI	
AIHI018_D	Waikiki Ocean Waters Restricted Areas - Zone D	Digitized by AI	
AIHI019	Makapu'u Ocean Waters	Digitized by AI	
AIHI019_A	Makapu'u Ocean Waters - Zone A	Digitized by AI	
AIHI019_B	Makapu'u Ocean Waters - Zone B	Digitized by AI	
AIHI022_A	Kealahukua Bay Ocean Waters - Subzone A	Digitized by AI	
AIHI022_B	Kealahukua Bay Ocean Waters - Subzone B	Digitized by AI	
AIHI024	Kailua Ocean Waters	Digitized by AI	
AIHI025_A	Pokai Bay Ocean Waters - Zone A	Digitized by AI	
AIHI025_B	Pokai Bay Ocean Waters - Zone B	Digitized by AI	
AIHI027	Ala Moana Beach Park Ocean Waters	Digitized by AI	
AIHI092	Kaanapali Ocean Waters	Digitized by AI	
AIHI092_A	Kaanapali Ocean Waters - Zones A and B	Digitized by AI	
AIHI092_B	Kaanapali Ocean Waters - Ingress/Egress Zones	Digitized by AI	
AIHI092_C	Kaanapali Ocean Waters - Ingress/Egress Corridors	Digitized by AI	
AIHI031	Pipelines in Keehi Lagoon	Digitized by AI	



AIHI032	Maunalua Bay Ocean Waters	Received from HI state agency	Office of Planning
AIHI033	Hanalei Bay Ocean Waters	Received from HI state agency	Office of Planning
AIHI033_A	Hanalei Bay Ocean Waters - Swimming Zones	Digitized by AI	
AIHI033_B	Hanalei Bay Ocean Waters - Mooring Area	Digitized by AI	
AIHI035_A	Ha'ena Ocean Waters - Recreational Zone A	Received from HI state agency	Office of Planning
AIHI035_B	Ha'ena Ocean Waters - Swimming and Snorkeling Zone B	Received from HI state agency	Office of Planning
AIHI035_C	Ha'ena Ocean Waters - Snorkeling Zone C	Received from HI state agency	Office of Planning
AIHI038	Na Pali Coast Ocean Waters	Digitized by AI	
AIHI039	Nualolo Kai Restricted Zone	Received from HI state agency	Office of Planning
AIHI040_A	Nukumoi Swimming Zone	Received from HI state agency	Office of Planning
AIHI040_B	Nukumoi Ingress/Egress Corridor	Received from HI state agency	Office of Planning
AIHI042	Koloa Landing Restricted Area	Received from HI state agency	Office of Planning
AIHI043	Salt Pond Park Restricted Area	Received from HI state agency	Office of Planning
AIHI044	Wailua River Restricted Area - Zone D	Digitized by AI	
AIHI045_A	Haleiwa Restricted Zones - Zone A	Received from HI state agency	Office of Planning
AIHI045_B	Haleiwa Restricted Zones - Zone B	Received from HI state agency	Office of Planning
AIHI045_C	Haleiwa Restricted Zones - Zone C	Received from HI state agency	Office of Planning
AIHI049	Kawela Bay Restricted Area	Received from HI state agency	Office of Planning
AIHI050_A	Kualoa Waters Restricted Zone A	Received from HI state agency	Office of Planning
AIHI050_B	Kualoa Waters Restricted Zone B	Received from HI state agency	Office of Planning

AIHI048	Sunset Beach Restricted Area	Received from HI state agency	Office of Planning
AIHI052	Kaneohe Bay Ocean Waters	Received from HI state agency	Office of Planning
AIHI052_A	Kaneohe Bay Ocean Waters - Commercial Sightseeing Area - Zones D and E	Digitized by AI	
AIHI052_B	Kaneohe Bay Ocean Waters - Non-exclusive Commercial Ocean Water Sports Zone - Zone F	Digitized by AI	
AIHI052_C	Kaneohe Bay Ocean Waters - Non-exclusive Commercial Ocean Water Sports Zone - Zones G and H	Digitized by AI	
AIHI052_D	Kaneohe Bay Ocean Waters - Non-exclusive Commercial Ocean Water Sports Zone - Zone I	Digitized by AI	
AIHI053	Waimanalo Ocean Waters	Received from HI state agency	Office of Planning
AIHI054_A	Waialae-Kahala Swimming Areas	Received from HI state agency	Office of Planning
AIHI054_B	Waialae-Kahala Beach Boat Channel	Received from HI state agency	Office of Planning
AIHI056	Diamond Head Restricted Area	Received from HI state agency	Office of Planning
AIHI057	Ke'ehi Lagoon Recreational Zones	Received from HI state agency	Office of Planning
AIHI058	Napili Bay Restricted Area	Received from HI state agency	Office of Planning
AIHI059	Olowalu Beach Restricted Area	Received from HI state agency	Office of Planning
AIHI060	Baldwin Park-Paia Bay Restricted Area	Received from HI state agency	Office of Planning
AIHI061	Papa'ula Point Restricted Zone	Received from HI state agency	Office of Planning
AIHI062	Kanaha Beach Park Restricted Zones	Received from HI state agency	Office of Planning

AIHI063_A	Puhi Bay - Leleiwi Point Restricted Zones A and F	Received from HI state agency	Office of Planning
AIHI063_B	Puhi Bay - Leleiwi Point Restricted Zones B, C, D, and E	Received from HI state agency	Office of Planning
AIHI065	Honaunau Bay Swimming Zone	Received from HI state agency	Office of Planning
AIHI066	Kahaluu Bay Swimming Zone	Received from HI state agency	Office of Planning
AIHI067	Oneo Bay Swimming Zone	Received from HI state agency	Office of Planning
AIHI068	Kailua Pier Restricted Zone B	Received from HI state agency	Office of Planning
AIHI069	Honokohau Swimming Zone	Received from HI state agency	Office of Planning
AIHI070	Kua Bay Swimming Zone	Received from HI state agency	Office of Planning
AIHI071	Kahuwai Bay Restricted Zone	Received from HI state agency	Office of Planning
AIHI072	Anaehoomalu Bay Restricted Zones A and B	Received from HI state agency	Office of Planning
AIHI073	Makaiwa Bay Swimming Zones	Received from HI state agency	Office of Planning
AIHI074	Hapuna Bay Swimming Zone	Received from HI state agency	Office of Planning
AIHI075_A	Kaunaoa Bay Restricted Zone A	Received from HI state agency	Office of Planning
AIHI075_B	Kaunaoa Bay Restricted Zone B	Received from HI state agency	Office of Planning
AIHI089	Waikiki Ocean Waters	Digitized by AI	
AIHI089_A	Waikiki Ocean Waters - Zone A	Digitized by AI	
AIHI089_B	Waikiki Ocean Waters - Zone B	Digitized by AI	
AIHI089_C	Waikiki Ocean Waters - Zone C	Digitized by AI	
AIHI089_D	Waikiki Ocean Waters - Zone D	Digitized by AI	
AIHI089_E	Waikiki Ocean Waters - Zone E	Digitized by AI	
AIHI082	Anini Beach Ocean Waters	Received from HI state agency	Office of Planning

AIHI082_A	Anini Beach Ocean Waters - Swimming Zones A and B	Received from HI state agency	Office of Planning
AIHI084	Nawiliwili Bay Restricted Zones	Received from HI state agency	Office of Planning
AIHI085	Waikiki Ocean Waters Speed Zone	Received from HI state agency	Office of Planning
AIHI085_A	Waikiki Commercial Thrill Craft Zone A	Received from HI state agency	Office of Planning
AIHI085_B	Waikiki Commercial Thrill Craft Zone B	Received from HI state agency	Office of Planning
AIHI086	Kiholo Bay Speed Zone	Received from HI state agency	Office of Planning
AIHI093	Kailua Bay Ocean Waters	Digitized by AI	
HI12_A	Sharks Cove, Three Tables and Waimea Bay ocean waters - Zone A	Digitized by AI	
HI12_B	Sharks Cove, Three Tables and Waimea Bay ocean waters - Zone B	Digitized by AI	
HI12_C	Sharks Cove, Three Tables and Waimea Bay ocean waters - Zone C	Digitized by AI	
HI12_D	Sharks Cove, Three Tables and Waimea Bay ocean waters - D	Digitized by AI	
AIHI094	Koko Head and Makapuu Commercial High Speed Boating Zone	Digitized by AI	
AIHI095	Maui Humpback Whale Protected Waters	Digitized by AI	

Help:

Please contact [support@anthinst.org](mailto:support@anthinst.org) if you have questions regarding this data or would like to request the data in a different format