

MPAI_v2017

File Geodatabase Feature Class



Tags

Ocean Conservation, North America, Marine Boundaries, Water - Oceans and Coasts, boundaries, United States, Marine Protected Areas, ngda, Marine Conservation Areas, location, oceans

Summary

NOAA's Marine Protected Areas Inventory (v2017) represents a collection of data compiled from various federal, state, tribal and territorial entities to provide a publicly available source of comprehensive information on place-based marine conservation efforts under U.S. federal, state, territorial, local, and tribal jurisdiction.

Description

The MPA Inventory is a comprehensive catalog that provides detailed information for existing marine protected areas in the United States. The inventory provides geospatial boundary information (in polygon format) and classification attributes that seek to define the conservation objectives, protection level, governance and related management criteria for all sites in the database. The comprehensive inventory of federal, state and territorial MPA sites provides governments and stakeholders with access to information to make better decisions about the current and future use of place-based conservation. The information also will be used to inform the development of the national system of marine protected areas as required by Executive Order 13158.

Credits

NOAA Marine Protected Areas Center in joint effort with the US Department of the Interior

Use limitations

These data are in the Public domain. The data are not to be used for navigation. For more information, see the accuracy section.

Extent

West -180.000000 **East** 180.000000
North 74.709769 **South** -15.386142

Scale Range

Maximum (zoomed in) 1:5,000
Minimum (zoomed out) 1:150,000,000

[ArcGIS Metadata](#) ►

[Topics and Keywords](#) ►

THEMES OR CATEGORIES OF THE RESOURCE oceans, location, boundaries

* CONTENT TYPE Downloadable Data

PLACE KEYWORDS North America, United States

THEME KEYWORDS Marine Boundaries, Marine Protected Areas, Ocean Conservation, MPAs

THESAURUS ▶

TITLE NOS Data Explorer Topic Category

CREATION DATE 2017-06-01 00:00:00

PUBLICATION DATE 2017-06-01 00:00:00

REVISION DATE 2017-06-01 00:00:00

EDITION 2017

EDITION DATE 2017-06-01

[Hide Thesaurus ▲](#)

THEME KEYWORDS Water - Oceans and Coasts, ngda

THESAURUS ▶

TITLE Geospatial Platform

CREATION DATE 2017-06-01 00:00:00

[Hide Thesaurus ▲](#)

THEME KEYWORDS Ocean Conservation, Marine Protected Areas, Marine Conservation Areas

THEME KEYWORDS boundaries, location, oceans

THESAURUS ▶

TITLE ISO 19115 Topic Category

CREATION DATE 2017-06-01 00:00:00

[Hide Thesaurus ▲](#)

[Hide Topics and Keywords ▲](#)

Citation ▶

* TITLE MPAI_v2017

PUBLICATION DATE 2017-06-01 00:00:00

REVISION DATE 2017-06-01 00:00:00

EDITION 2017 Annual Update

EDITION DATE 2017-06-01

PRESENTATION FORMATS digital map

FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY

ORGANIZATION'S NAME Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), Office Of National Marine Sanctuaries (ONMS), National Marine Protected Areas Center (MPAC)

CONTACT'S ROLE originator

[Hide Citation Contacts ▲](#)

Resource Details ►

DATASET LANGUAGES English (UNITED STATES)

DATASET CHARACTERSET utf8 - 8 bit UCS Transfer Format

STATUS completed

SPATIAL REPRESENTATION TYPE vector

SUPPLEMENTAL INFORMATION

This dataset consists of original boundaries as represented by the managing agencies, including any terrestrial components of the protected areas. Boundaries include terrestrial areas, but only the sub-tidal components of the areas meet the definition of an MPA. All area-based calculations made using World Eckert IV projection and may vary from areas cited for sites by their managing agency.

Version Notes: 2017: Added new Northeast Canyons and Seamounts Marine National Monument, expanded Papahānaumokuākea Marine National Monument boundary, new He'eia National Estuarine Research Reserve boundary and Frank R. Lautenberg Deep-Sea Coral Protection Areas. Reviewed and updated existing and added new National Wildlife Refuge boundaries. Updated National Marine Sanctuary boundaries, including Greater Farallones (name and boundary change), and Cordell Banks to reflect boundary expansions. Added and updated boundaries data for Oregon state MPAs, added Washington state underwater parks, updated Alaska state fishery MPAs, updated West Hawaii Fishery Management Areas, and reviewed and updated National Estuarine Research Reserves. 2014: Updated zones for Rose Atoll, Marianas Trench and Pacific Remote Islands Marine National Monuments. Updated Thunder Bay National Marine Sanctuary, Added NMFS Arctic Management Area and Pelagic Sargassum Habitat Restricted Area. Removed Florida Surface Water Improvement and Management sites. 2013: Added new MPA boundaries for California South Coast MLPA region, Oregon Marine Reserves. Updated Maryland Oyster Sanctuaries, National Marine Sanctuary of American Samoa boundaries. 2012: This version contains boundary updates during the 2011 calendar year. Boundaries were added for new MPAs created in California. Boundaries were updated for National Park Service, National Marine Fisheries Service, Washington, Virgin Islands and Wisconsin sites in the MPA Inventory. 2011: This version contains boundary updates during the 2010 calendar year. Boundaries were added for new MPAs created in California. Boundaries for Hawaii, American Samoa, Florida and National Marine Fisheries Service MPAs were added for sites already in the MPA Inventory. All National Park Service and National Estuarine Research Reserve and some National Wildlife Refuge boundaries were updated with original data. 2010: This version contains boundaries for all sites from authoritative sources as updated between 6/2009- 12/2009. New data have been added for multiple states and territories, including Alaska, Florida, Maryland, North Carolina, New Hampshire, Ohio, Pennsylvania, US Virgin Islands and Wisconsin. Shipwreck sites represented as latitude/longitude coordinate points were converted to

polygons using a 300-meter radius buffer. NMFS sites have been verified against US Code of Federal Regulations.

* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.4.0.5524

CREDITS

NOAA Marine Protected Areas Center in joint effort with the US Department of the Interior

ARC GIS ITEM PROPERTIES

* NAME MPAI_v2017

* LOCATION file:///\\WCR-L-

1698675\C\$\GIS_Data\National_MPA_System\MPA_Inventory\2017\MPAI_2017.gdb

* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

DESCRIPTION

publication date

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -180

EAST LONGITUDE 180

SOUTH LATITUDE -15.386142

NORTH LATITUDE 74.709769

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -180.000000

* EAST LONGITUDE 180.000000

* NORTH LATITUDE 74.709769

* SOUTH LATITUDE -15.386142

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE -14696818.186500

* EAST LONGITUDE -408424.773000

* SOUTH LATITUDE -2013509.168000

* NORTH LATITUDE 8019965.048600

* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME GIS Manager

ORGANIZATION'S NAME Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), Office Of National Marine Sanctuaries (ONMS), National Marine Protected Areas Center (MPAC)
CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

PHONE

VOICE (831)647-6462

ADDRESS

TYPE both

DELIVERY POINT Suite 100-F

DELIVERY POINT 99 Pacific St.

CITY Monterey

ADMINISTRATIVE AREA CA

POSTAL CODE 93940

E-MAIL ADDRESS MPAINVENTORY@NOAA.GOV

Hide Contact information ▲

Hide Resource Points of Contact ▲

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY as needed

Hide Resource Maintenance ▲

Resource Constraints ►

LEGAL CONSTRAINTS

LIMITATIONS OF USE

The MPA Center shall not be held liable for improper or incorrect use of the data described and/or contained in this database. These data and related graphics are not legal documents and are not intended to be used as such. The information contained in these data is dynamic and may change over time. The data are not better than the original sources from which they were derived. It is the responsibility of the data user to use the data appropriately and within the limitations of geospatial data in general, and these data in particular.

OTHER CONSTRAINTS

These data are publicly accessible and downloadable via
<http://marineprotectedareas.noaa.gov/dataanalysis/mpainventory/>

CONSTRAINTS

LIMITATIONS OF USE

These data are in the Public domain. The data are not to be used for navigation. For more information, see the accuracy section.

Hide Resource Constraints ▲

Spatial Reference ►

ARC GIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_WGS_1984
- * PROJECTION World_Eckert_IV
- * COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

X ORIGIN -16921400
Y ORIGIN -8460800
XY SCALE 266148169.02682373
Z ORIGIN -100000
Z SCALE 10000
M ORIGIN -100000
M SCALE 10000
XY TOLERANCE 0.001
Z TOLERANCE 0.001
M TOLERANCE 0.001
HIGH PRECISION true

WELL-KNOWN TEXT
PROJCS["World_Eckert_IV",GEOGCS["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Eckert_IV"],PARAMETER["False_Easting",0.0],PARAMETER["False_Northing",0.0],PARAMETER["Central_Meridian",-60.0],UNIT["Meter",1.0]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 0

Hide Spatial Reference ▲

Spatial Data Properties ►

VECTOR ►

- * LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME MPAI_v2017

- * OBJECT TYPE composite
- * OBJECT COUNT 1689

Hide Vector ▲

ARC GIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME MPAI_v2017

- * FEATURE TYPE Simple
- * GEOMETRY TYPE Polygon
- * HAS TOPOLOGY FALSE
- * FEATURE COUNT 1689
- * SPATIAL INDEX TRUE
- * LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

Data Quality ▶

SCOPE OF QUALITY INFORMATION ▶
RESOURCE LEVEL **dataset**

[Hide Scope of quality information ▲](#)

[Hide Data Quality ▲](#)

Lineage ▶

PROCESS STEP ▶

WHEN THE PROCESS OCCURRED 2017-04-01 00:00:00

DESCRIPTION

MPA Inventory feature class was dissolved to one multipart polygon per site.

[Hide Process step ▲](#)

PROCESS STEP ▶

WHEN THE PROCESS OCCURRED 2017-04-01 00:00:00

DESCRIPTION

All data were reprojected to WGS 1984, decimal degrees.

[Hide Process step ▲](#)

PROCESS STEP ▶

WHEN THE PROCESS OCCURRED 2017-04-01 00:00:00

DESCRIPTION

MPA Inventory attribute data were appended to feature class.

[Hide Process step ▲](#)

PROCESS STEP ▶

WHEN THE PROCESS OCCURRED 2017-04-01 00:00:00

DESCRIPTION

All new site data were merged into a single feature class with existing sites.

Hide Process step ▲

PROCESS STEP ▶

WHEN THE PROCESS OCCURRED 2017-04-01 00:00:00

DESCRIPTION

Boundaries for all 2017 updated sites were compiled and added to the feature class.

Hide Process step ▲

SOURCE DATA ▶

DESCRIPTION

GIS data for all sites were collected from authoritative sources. Data were either downloaded from public websites, requested directly from MPA managers or digitized based on legal definitions (eg US Code of Federal Regulations).

Hide Source data ▲

Hide Lineage ▲

Distribution ▶

DISTRIBUTOR ▶

CONTACT INFORMATION

INDIVIDUAL'S NAME GIS Manager

ORGANIZATION'S NAME Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), Office Of National Marine Sanctuaries (ONMS), National Marine Protected Areas Center (MPAC)

CONTACT'S ROLE distributor

CONTACT INFORMATION ▶

PHONE

VOICE (831)647-6462

ADDRESS

TYPE both

DELIVERY POINT 99 Pacific St.

DELIVERY POINT Suite 100-F

CITY Monterey

ADMINISTRATIVE AREA CA

POSTAL CODE 93940

E-MAIL ADDRESS MPAINVENTORY@NOAA.GOV

[Hide Contact information ▲](#)

AVAILABLE FORMAT

NAME ESRI File geodatabase

VERSION 10.4

TRANSFER OPTIONS

TRANSFER SIZE 49.9

ONLINE SOURCE

LOCATION <https://marineprotectedareas.noaa.gov/dataanalysis/mpainventory/>

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

VERSION ArcGIS v 10.4.0

* NAME File Geodatabase Feature Class

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT [MPAI_v2017 ►](#)

* TYPE Feature Class

* ROWCOUNT 1689

DEFINITION

Database of MPA geospatial data

DEFINITION SOURCE

MPAC

FIELD [OBJECTID ►](#)

* ALIAS OBJECTID

* DATA TYPE OID

* WIDTH 4

* PRECISION 0

* SCALE 0

* FIELD DESCRIPTION

Internal feature number.

* DESCRIPTION SOURCE

Esri

* DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

[Hide Field OBJECTID ▲](#)

FIELD Anchor ►

- * ALIAS Anchor
- * DATA TYPE String
- * WIDTH 254
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Describes whether anchoring in the site is permitted.

DESCRIPTION SOURCE

MPAC

LIST OF VALUES

VALUE Prohibited
DESCRIPTION Anchoring within the site is prohibited.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Unrestricted
DESCRIPTION The site allows ship anchoring.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Restricted
DESCRIPTION The site allows some anchoring, with restrictions.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

Hide Field Anchor ▲

FIELD Permanence ►

- * ALIAS Permanence
- * DATA TYPE String
- * WIDTH 254
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Classification of the permanence of the site

DESCRIPTION SOURCE

MPAC

LIST OF VALUES

VALUE Conditional
DESCRIPTION MPAs or zones that have the potential, and often the expectation, to persist administratively over time, but whose legal authority has a finite duration and must be actively renewed or ratified based on periodic governmental reviews of performance
ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Permanent
DESCRIPTION MPAs or zones whose legal authorities provide some level of protection to the site in perpetuity for future generations, unless reversed by unanticipated future legislation or regulatory actions
ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Temporary

DESCRIPTION MPAs that are designed to address relatively short-term conservation and/or management needs by protecting a specific habitat or species for a finite duration, with no expectation or specific mechanism for renewal

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

Hide Field Permanence ▲

FIELD Prot_Focus ►

* ALIAS Protection Focus

* DATA TYPE String

* WIDTH 254

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Ecological scale of site conservation targets

DESCRIPTION SOURCE

MPAC

LIST OF VALUES

VALUE Focal Resource

DESCRIPTION MPAs or zones whose legal authorities and management measures specifically target a particular habitat, species complex, or single resource (either natural or cultural)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Ecosystem

DESCRIPTION MPAs or zones whose legal authorities and management measures are intended to protect all of the components and processes of the ecosystem within its boundaries

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

Hide Field Prot_Focus ▲

FIELD Mgmt_Plan ►

* ALIAS Management Plan

* DATA TYPE String

* WIDTH 254

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

The type of management plan developed for the site

DESCRIPTION SOURCE

MPAC

LIST OF VALUES

VALUE Non-MPA Programmatic Species Management Plan

DESCRIPTION A species management plan has been developed, which includes the management of the site

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE MPA Programmatic Management Plan

DESCRIPTION A management plan has been developed for a broader MPA program, which includes the site

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE No Management Plan

DESCRIPTION No management plan has been developed for the site, or the management plan is still in draft form

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Non-MPA Programmatic Habitat Management Plan

DESCRIPTION A habitat management plan has been developed, which includes the management of the site

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Site-Specific Management Plan

DESCRIPTION A management plan has been developed specifically for the site

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Non-MPA Programmatic Fisheries Management Plan

DESCRIPTION A fisheries management plan has been developed, which includes the management of the site

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Community Agreement

DESCRIPTION A verbal or written community agreement has been reached for the management of the site

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

[Hide Field Mgmt_Plan ▲](#)

FIELD Prot_Lvl ►

* ALIAS Level of Protection

* DATATYPE String

* WIDTH 254

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Level of legal protection afforded to the site's natural and cultural resources and ecological processes

DESCRIPTION SOURCE

MPAC

LIST OF VALUES

VALUE Uniform Multiple Use

DESCRIPTION MPAs or zones with a consistent level of protection and allowable activities, including certain extractive uses, across the entire protected area

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Zoned Multiple Use

DESCRIPTION MPAs that allow some extractive activities throughout the entire site, but that use marine zoning to allocate specific uses to compatible places or times in order to reduce user conflicts and adverse impacts

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE No Impact

DESCRIPTION MPAs or zones that allow human access, but that prohibit all activities that could harm the site's resources or disrupt the ecological or cultural services they provide. Examples of activities typically prohibited in no-impact MPAs include resource extraction of any kind (fishing, collecting, or mining); discharge of pollutants; disposal or

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE No Take

DESCRIPTION MPAs or zones that allow human access and even some potentially harmful uses, but that totally prohibit the extraction or significant destruction of natural or cultural resources.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE No Access

DESCRIPTION MPAs or zones that restrict all human access to the area in order to prevent potential ecological disturbance, unless specifically permitted for designated special uses such as research, monitoring or restoration

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE To Be Determined

DESCRIPTION MPA or zone that has been established, but has not yet officially designated it's specific level of protection.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Zoned w/No Take Areas

DESCRIPTION Multiple-use MPAs that contain at least one legally established management zone in which all resource extraction is prohibited

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

Hide Field Prot_Lvl ▲

FIELD Vessel ►

- * **ALIAS** Vessel
- * **DATA TYPE** String
- * **WIDTH** 254
- * **PRECISION** 0
- * **SCALE** 0

FIELD DESCRIPTION

Describes if vessel access is allowed within the MPA.

DESCRIPTION SOURCE

MPAC

LIST OF VALUES

VALUE Restricted

DESCRIPTION The site allows some vessel traffic, with restrictions.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Prohibited
DESCRIPTION Vessel traffic within the site is prohibited.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Unrestricted
DESCRIPTION The site allows vessel access.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

Hide Field Vessel ▲

FIELD State ►

- * ALIAS State
- * DATA TYPE String
- * WIDTH 254
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION
State name of MPA, or Program, if MPA is federal

DESCRIPTION SOURCE
MPAC

DESCRIPTION OF VALUES
n/a

Hide Field State ▲

FIELD Shape_Area ►

- * ALIAS Shape_Area
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION
Area of feature in internal units squared.

DESCRIPTION SOURCE
Esri

DESCRIPTION OF VALUES
Positive real numbers that are automatically generated.

Hide Field Shape_Area ▲

FIELD Estab_Yr ►

- * ALIAS Year Established

- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The year the site was officially designated or established

DESCRIPTION SOURCE

MPAC

DESCRIPTION OF VALUES

Positive numbers, or 0 if unknown.

Hide Field Estab_Yr ▲

FIELD Fish_Rstr ►

- * ALIAS Fishing Restrictions
- * DATA TYPE String
- * WIDTH 254
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Level of restrictions on commercial and/or recreational fishing

DESCRIPTION SOURCE

MPAC

LIST OF VALUES

VALUE Commercial and Recreational Fishing Restricted

DESCRIPTION MPAs or zones place some type of restriction on all types of fishing, including both commercial and recreational. The level of restriction may vary throughout the MPA according to different zones or areas

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Recreational Fishing Prohibited

DESCRIPTION MPAs or zones prohibit any type of recreational fishing. Commercial fishing may be allowed

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Commercial Fishing Restricted

DESCRIPTION MPAs or zones place some type of restriction on commercial fishing, which might vary throughout the MPA according to different zones or areas. Recreational fishing may be unrestricted

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Commercial Fishing Prohibited and Recreational Fishing Restricted

DESCRIPTION MPAs or zones prohibit any type of commercial fishing and place some type of restriction on recreational fishing

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Recreational Fishing Restricted

DESCRIPTION MPAs or zones place some type of restriction on recreational fishing, which might vary throughout the MPA according to different zones or areas. Commercial fishing may be unrestricted

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Commercial Fishing Restricted and Recreational Fishing Prohibited

DESCRIPTION MPAs or zones prohibit any type of recreational fishing and place some type of restriction on commercial fishing

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Commercial Fishing Prohibited

DESCRIPTION MPAs or zones prohibit any type of commercial fishing. Recreational fishing may be allowed

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Unknown

DESCRIPTION MPAs or zones with unknown fishing restrictions

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Commercial and Recreational Fishing Prohibited

DESCRIPTION MPAs or zones prohibit any type of fishing throughout the site, including both commercial and recreational.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE No Site Restrictions

DESCRIPTION MPAs or zones place no restrictions on any type of fishing throughout the site, including both commercial and recreational

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

Hide Field Fish_Rstr ▲

FIELD Mgmt_Agen ►

* **ALIAS** Management Agency

* **DATA TYPE** String

* **WIDTH** 254

* **PRECISION** 0

* **SCALE** 0

FIELD DESCRIPTION

Agency responsible for managing the site

DESCRIPTION SOURCE

MPAC

DESCRIPTION OF VALUES

n/a

Hide Field Mgmt_Agen ▲

FIELD Pri_Con_Fo ►

* **ALIAS** Primary Conservation Focus

* DATA TYPE String

* WIDTH 254

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Represents the primary characteristics of the area that the MPA was established to conserve

DESCRIPTION SOURCE

MPAC

Hide Field Pri_Con_Fo ▲

FIELD Shape_Length ►

* ALIAS Shape_Length

* DATA TYPE Double

* WIDTH 8

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Length of feature in internal units.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Positive real numbers that are automatically generated.

Hide Field Shape_Length ▲

FIELD Site_ID ►

* ALIAS Site ID

* DATA TYPE String

* WIDTH 10

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Unique site identifier assigned by MPAC

DESCRIPTION SOURCE

MPAC

DESCRIPTION OF VALUES

Consists of government level identifier combined with unique number value.

Hide Field Site_ID ▲

FIELD Shape ▶

- * ALIAS Shape
- * DATA TYPE Geometry
- * WIDTH 0
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION
Feature geometry.

DESCRIPTION SOURCE
ESRI

DESCRIPTION OF VALUES
Coordinates defining the features.

Hide Field Shape ▲

FIELD Site_Name ▶

- * ALIAS Site Name
- * DATA TYPE String
- * WIDTH 254
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION
Official name of the MPA

DESCRIPTION SOURCE
MPAC

DESCRIPTION OF VALUES
n/a

Hide Field Site_Name ▲

FIELD NS_Full ▶

- * ALIAS National System Status
- * DATA TYPE String
- * WIDTH 254
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION
Status of the site with respect to the National System of MPAs

DESCRIPTION SOURCE
MPAC

LIST OF VALUES

VALUE Not Eligible

DESCRIPTION Site does not meet eligibility criteria for the National System

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Member

DESCRIPTION Site has been approved as a National System MPA

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Nominated

DESCRIPTION Site has been nominated, and is currently under consideration for entry to the National System

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Member

DESCRIPTION Site has been approved as a National System MPA

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

[Hide Field NS_Full ▲](#)

FIELD Constancy ►

* ALIAS Constancy

* DATA TYPE String

* WIDTH 254

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Classification of the constancy of the site throughout the year

DESCRIPTION SOURCE

MPAC

LIST OF VALUES

VALUE Year-Round

DESCRIPTION MPAs or zones that provide constant protection to the site throughout the year

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Rotating

DESCRIPTION MPAs or zones that cycle serially and predictably among a set of fixed geographic areas in order to meet short-term conservation or management goals (such as local stock replenishment followed by renewed exploitation of recovered populations)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Seasonal

DESCRIPTION MPAs or zones that protect specific habitats and resources, but only during fixed seasons or periods when human uses may disrupt ecologically sensitive seasonal processes such as spawning, breeding, or feeding aggregations

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

[Hide Field Constancy ▲](#)

FIELD Design ▶

- * ALIAS Designation
- * DATA TYPE String
- * WIDTH 254
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Site designation derived from site name.

DESCRIPTION SOURCE

MPAC

DESCRIPTION OF VALUES

Derived from name given to the site from its managing agency.

Hide Field Design ▲

FIELD AreaMar ▶

- * ALIAS Marine Area (sqkm)
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Area of each site that does not include any land areas (exception of small islands, seastacks, atolls, etc). Calculated in World Eckert IV by erasing the terrestrial portion as defined by a moderate resolution national shoreline vector.

DESCRIPTION SOURCE

MPAC

Hide Field AreaMar ▲

FIELD MarPercent ▶

- * ALIAS Marine Percent
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Calculated from total area and marine area values using World Eckert IV projection.

DESCRIPTION SOURCE

MPAC

DESCRIPTION OF VALUES

Calculated from total area and marine area values using World Eckert IV projection.

Hide Field MarPercent ▲

FIELD AreaNT ►

- * ALIAS No Take Area (sqkm)
- * DATATYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

No Take area calculated for each site in square kilometers (based off World Eckert IV projection).

DESCRIPTION SOURCE

MPAC

DESCRIPTION OF VALUES

Calculated based on no-take area per site

Hide Field AreaNT ▲

FIELD IUCN ►

- * ALIAS IUCN Category
- * DATATYPE String
- * WIDTH 254
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

IUCN category assigned to each site

DESCRIPTION SOURCE

MPAC

CODED VALUES

NAME OF CODELIST IUCN categories

SOURCE <https://www.iucn.org/theme/protected-areas/about/protected-areas-categories>

Hide Field IUCN ▲

FIELD Marine ►

- * ALIAS Marine
- * DATATYPE String
- * WIDTH 254
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Categorical assignment based on percent area in the marine environment designed to filter out areas that are wholly marine, that are mostly land but intersect the shoreline or that are mixed marine and terrestrial.

DESCRIPTION SOURCE

MPAC

LIST OF VALUES

VALUE Marine

DESCRIPTION Site is mostly marine - 95% or greater of the site's area is in the marine environment

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Mixed

DESCRIPTION Site has both marine and terrestrial area - More than 5% but less than 95% of the site's area is in the marine environment

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Interface

DESCRIPTION Coastal site with mostly land but that touches the shoreline - Less than 5% of the site's area is in the marine environment

[Hide Field Marine ▲](#)

FIELD Cons_Focus ►

* ALIAS Conservation Focus

* DATATYPE String

* WIDTH 254

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

All characteristics of the area the site was established to conserve

DESCRIPTION SOURCE

MPAC

LIST OF VALUES

VALUE Natural Heritage

DESCRIPTION Natural Heritage

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Natural Heritage, Cultural Heritage and Sustainable Production

DESCRIPTION Natural Heritage, Cultural Heritage and Sustainable Production

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Natural Heritage and Cultural Heritage

DESCRIPTION Natural Heritage and Cultural Heritage

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Natural Heritage and Sustainable Production

DESCRIPTION Natural Heritage and Sustainable Production

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Sustainable Production

DESCRIPTION Sustainable Production
ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Cultural Heritage and Sustainable Production
DESCRIPTION Cultural Heritage and Sustainable Production
ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Cultural Heritage
DESCRIPTION Cultural Heritage
ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

Hide Field Cons_Focus ▲

FIELD WDPA_Cd ►

- * ALIAS WDPA_Cd
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Unique code assigned to each site by World Database on Protected Areas (WDPA)

Hide Field WDPA_Cd ▲

FIELD Gov_Level ►

- * ALIAS Level of Government
- * DATA TYPE String
- * WIDTH 254
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Level of government responsible for designating and managing the site

DESCRIPTION SOURCE
MPAC

LIST OF VALUES

VALUE Territorial

DESCRIPTION MPA is designated and managed by a territorial agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Local

DESCRIPTION MPA is designated and managed by a local agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE State

DESCRIPTION MPA is designated and managed by a state agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Federal

DESCRIPTION MPA is designated and managed by a federal agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

VALUE Partnership

DESCRIPTION MPA is designated and managed by multiple agencies at more than one level of government

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MPAC

[Hide Field Gov_Level ▲](#)

FIELD IUCN_MPA ►

* ALIAS IUCN_MPA

* DATA TYPE SmallInteger

* WIDTH 2

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Whether site meets IUCN Definition of Protected Area

DESCRIPTION SOURCE

IUCN

LIST OF VALUES

VALUE 0

DESCRIPTION Does not meet IUCN definition of protected area

VALUE 1

DESCRIPTION Site meets IUCN definition of protected area

[Hide Field IUCN_MPA ▲](#)

[Hide Details for object MPAI_v2017 ▲](#)

[Hide Fields ▲](#)

Metadata Details ►

METADATA LANGUAGE English (UNITED STATES)

METADATA CHARACTERSET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset

SCOPE NAME * dataset

* LAST UPDATE 2017-11-15

ARC GIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

METADATA STYLE ISO 19139 Metadata Implementation Specification

STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARC GIS FOR THE ITEM 2017-10-19 14:33:42

LAST MODIFIED IN ARC GIS FOR THE ITEM 2017-11-15 11:15:30

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes
LAST UPDATE 2017-11-15 11:15:30

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

INDIVIDUAL'S NAME GIS Manager

ORGANIZATION'S NAME Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), Office Of National Marine Sanctuaries (ONMS), National Marine Protected Areas Center (MPAC)

CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

PHONE

VOICE (831)242-2050

ADDRESS

TYPE both

DELIVERY POINT Suite 100-F

DELIVERY POINT 99 Pacific St.

CITY Monterey

ADMINISTRATIVE AREA CA

POSTAL CODE 93940

E-MAIL ADDRESS MPAINVENTORY@NOAA.GOV