

Hawk Channel Florida Benthic Map 2014

Metadata also available as

Metadata:

- [Identification Information](#)
- [Data Quality Information](#)
- [Spatial Reference Information](#)
- [Distribution Information](#)
- [Metadata Reference Information](#)

Identification_Information:

Citation:

Citation_Information:

Originator: FWC-FWRI

Title: Hawk Channel Florida Benthic Map 2014

Publication_Information:

Publisher: Florida Fish and Wildlife Conservation Commission-Fish and Wildlife Research Institute

Publication_Date: 201409

Online_Linkage: <<http://myfwc.com/research>>

Online_Linkage:

<<http://ocean.floridamarine.org/IntegratedReefMap/UnifiedReefTract.htm>>

Description:

Supplemental_Information:

Prior to July 1, 2004, the Fish and Wildlife Research Institute (FWRI) was known as the Florida Marine Research Institute (FMRI). The institute name has not been changed in historical data sets or references to work completed by the Florida Marine Research Institute. The institute name has been changed in references to ongoing research, new research, and contact information.

Abstract:

The purpose of this map was to fill gaps in the Unified Reef Map in Hawks Channel of the Florida Keys. The accuracy of this map has not been assessed and should be used with caution. Benthic cover types were photo-interpreted primarily from side-scan sonar data (reflectance and relative depth acquired by USGS 2012/2013) as well as WorldView-2 satellite imagery (2010-2013). This dataset has been integrated into the Unified Florida Reef Tract Map as of 9/2014 (v1.4)

Purpose:

The purpose of this benthic map is to update an area which had not been mapped since the 1990s. Previous recent mapping efforts were not able to interpret this area due to lack of seafloor visibility in source imagery caused by turbidity.

Status:

Progress: Complete

Maintenance_and_Update_Frequency: None Planned

Access_Constraints:

These data are unrestricted. Where possible, always acquire this dataset directly from FWC as other sources may have altered the original data.

Use_Constraints:

Users are encouraged to read and fully comprehend the metadata record prior to using these data. Please acknowledge the Florida Fish and Wildlife Conservation Commission (FWC) as the data source for any products developed from these data. Users should be aware that comparison with other data sets for the same area may be inaccurate due to inconsistencies resulting from changes in mapping conventions, data collection techniques, and computer processes over time. FWC shall not be liable for improper or incorrect use of these data.

Time_Period_of_Content:

Currentness_Reference: Publication date

Keywords:

Theme:

Theme_Keyword: benthic

Theme_Keyword: GIS

Theme_Keyword: mapping

Theme_Keyword: marine

Theme_Keyword: marine vegetation (mangroves, seagrasses, seaweeds, sea oats)

Theme_Keyword: coastal

Theme_Keyword: habitat (rivers, estuaries, ecology, hard bottom)

Theme_Keyword_Thesaurus: FWRITheme

Theme_Keyword: corals (reefs, etc.)

Theme:

Theme_Keyword_Thesaurus: ISO 19115 Topic Category

Theme_Keyword: biota

Theme_Keyword: environment

Theme_Keyword: oceans

Place:

Place_Keyword: Hawk Channel

Place_Keyword: Florida Keys National Marine Sanctuary

Place_Keyword: Florida Keys

Place_Keyword_Thesaurus: FWRIPlace

Place_Keyword: Florida

Place:

Place_Keyword_Thesaurus: Florida Counties

Place_Keyword: Monroe

Place:

Place_Keyword: Florida Bay

Place_Keyword: Gulf of Mexico

Place_Keyword: Atlantic Ocean

Place_Keyword_Thesaurus: Florida Waterbodies

Place:

Place_Keyword_Thesaurus: Water Management Districts
Place_Keyword: South Florida Water Management District
Theme:
Theme_Keyword_Thesaurus: EPA GIS Keyword Thesaurus
Theme_Keyword: Ecology
Place:
Place_Keyword_Thesaurus: FWC Region
Place_Keyword: FWC Region-South
Security_Information:
Security_Classification_System: FWRI-DC
Security_Classification: Available without restriction
Security_Handling_Description: Available without restriction
Point_of_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Organization:
Florida Fish and Wildlife Conservation Commission-Fish and Wildlife Research Institute
Contact_Person: GISLibrarian
Contact_Position: GIS Data Librarian
Contact_Address:
Address_Type: mailing and physical address
Address: Fish and Wildlife Research Institute
Address: 100 Eighth Avenue Southeast
City: St. Petersburg
State_or_Province: Florida
Postal_Code: 33701
Contact_Voice_Telephone: 727-896-8626
Contact_Facsimile_Telephone: 727-893-1679
Contact_Electronic_Mail_Address: GISLibrarian@MyFWC.com

Data_Quality_Information:

Attribute_Accuracy:
Attribute_Accuracy_Report:
Logical_Consistency_Report:
The data were verified for logical consistency between field values.
Positional_Accuracy:
Horizontal_Positional_Accuracy:
Horizontal_Positional_Accuracy_Report:
All spatial edits were performed using the best available imagery, in situ observation data, high resolution bathymetric data and earlier benthic maps.
Lineage:
Source_Information:
Source_Scale_Denominator: MMU 1 acre, Patch Reefs 0.154 acre
Source_Citation:
Citation_Information:
Originator: Dewberry

Publication_Date: 06/15/2014

Title: Florida Keys Benthic Habitat Mapping- Hawk Channel

Online_Linkage: WorldView-2 Imagery 9/2010, 10/2010, 11/2012, 1/2013, 7/2013

Online_Linkage: FWC/USGS Side-scan sonar 2012 and 2013

Online_Linkage: NOAA LiDAR 2012

Online_Linkage: FL Coastal DOQQ-2010

Other_Citation_Details:

The purpose of this map was to fill gaps in the Unified Reef Map in Hawks Channel of the Florida Keys. The accuracy of this map has not been assessed and should be used with caution. Benthic cover types were photo-interpreted primarily from side-scan sonar data (reflectance and relative depth acquired by USGS 2012/2013) as well as WorldView-2 satellite imagery (2010-2013). This dataset has been integrated into the Unified Florida Reef Tract Map as of 9/2014 (v1.4)

Online_Linkage:

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Planar_Coordinate_Information:

Planar_Coordinate_Encoding_Method: Coordinate Pair

Planar_Distance_Units: meters

Map_Projection:

Map_Projection_Name: Albers Conical Equal Area

Albers_Conical_Equal_Area:

Standard_Parallel: 24.000000

Standard_Parallel: 31.500000

Longitude_of_Central_Meridian: -84.000000

Latitude_of_Projection_Origin: 24.000000

False_Easting: 400000.000000

False_Northing: 0.000000

Geodetic_Model:

Horizontal_Datum_Name: North American Datum of 1983

Ellipsoid_Name: Geodetic Reference System 80

Semi-major_Axis: 6378137

Denominator_of_Flattening_Ratio: 298.257

Distribution_Information:

Distribution_Liability:

This data set is in the public domain, and the recipient may not assert any proprietary rights thereto nor represent it to anyone as other than a Florida Fish and Wildlife Conservation Commission produced data set; it is provided "as-is" without warranty of any kind, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. The user assumes all responsibility for the accuracy and suitability of this data set for a specific application. In no event will the staff of the Florida Fish and Wildlife Conservation Commission be liable for any damages, including

lost profits, lost savings, or other incidental or consequential damages arising from the use of or the inability to use this data set.

Standard_Order_Process:

Fees:

None. However, persons or organizations requesting information must provide transfer media if FTP is not available and must pay express shipping costs if express shipping is required.

Ordering_Instructions:

Contact GIS Librarian by e-mail, telephone, or letter explaining which products are needed and providing a brief description of how the products will be used. Also, provide name and address of the person or organization requesting the products.

Turnaround:

Usually within 10 business days, although, complex requests may take longer

Digital_Form:

Digital_Transfer_Option:

Online_Option:

Computer_Contact_Information:

Network_Address:

Network_Resource_Name: <<http://myfwc.com/research>>

Custom_Order_Process: Contact GIS Librarian

Distributor:

Contact_Information:

Contact_Person_Primary:

Contact_Organization:

Florida Fish and Wildlife Conservation Commission-Fish and Wildlife Research Institute

Contact_Person: GISLibrarian

Contact_Position: GIS Data Librarian

Contact_Address:

Address_Type: mailing and physical address

Address: Fish and Wildlife Research Institute

Address: 100 Eighth Avenue Southeast

City: St. Petersburg

State_or_Province: Florida

Postal_Code: 33701

Contact_Voice_Telephone: 727-896-8626

Contact_Facsimile_Telephone: 727-893-1679

Contact_Electronic_Mail_Address: GISLibrarian@MyFWC.com

Metadata_Reference_Information:

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: local time

Metadata_Access_Constraints: No restrictions on metadata

Metadata_Use_Constraints: Metadata must be distributed with the data set.

Metadata_Security_Information:

Metadata_Security_Classification_System: FWRI-MC

Metadata_Security_Classification: Available

Metadata_Security_Handling_Description: Metadata must be distributed with the data set.

Metadata_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Organization:

Florida Fish and Wildlife Conservation Commission-Fish and Wildlife Research Institute

Contact_Person: GISLibrarian

Contact_Position: GIS Data Librarian

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