

Identification_Information:

Citation:

Citation_Information:

Originator: National Coastal Data Development Center

Publication_Date: Unpublished material

Title: john_sgrass_CH_FL_2003_po

Geospatial_Data_Presentation_Form: vector digital data

Online_Linkage: \\SERO-NOVELL-4\DATA1\GIS\ESRI CATALOG\ARCDATA\PRODUCTS
\Distribution\john_sgrass_CH_FL_2003_po.shp

Larger_Work_Citation:

Citation_Information:

Originator: National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA), Department of Commerce

Publication_Date: 20000329

Title: Designated Critical Habitat: Critical Habitat for Johnson's Seagrass, [Docket No. 991116305-0083-02; I.D. No. 110599D][A]

Description:

Abstract: These data represent the critical habitat for Johnson's Seagrass as designated by Federal Register Vol. 65, No. 66, Wednesday, April 5, 2000, Rules and Regulations.

Purpose: The purpose of these data is to visually represent the critical habitat areas for GIS analysis and display.

Supplemental_Information: In addition to the coordinates provided in the Federal Register document, the following data were used to assist in the production of this dataset: US Army Corps of Engineers - IWW_IR to DA.dgn (Microstation Design File depicting the Intracoastal Waterway), Miami Harbor 83-90.dgn (Microstation Design File depicting the federally authorized navigation channels in Miami Harbor; According to the USACE, these channels are likely to be updated in the near future). St. John's River Water Management District - cb24_det.e00 (ArcInfo Interchange format file, converted to an ArcInfo Coverage depicting a detailed shoreline, last update 12/10/99.)

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 20031114

Time_of_Day: 1130

Currentness_Reference: Version used of USACE design files and SJRWMD shoreline file

Status:

Progress: Complete

Maintenance_and_Update_Frequency: As needed

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -80.465409

East_Bounding_Coordinate: -80.042777

North_Bounding_Coordinate: 27.854601

South_Bounding_Coordinate: 25.750234

Keywords:

Theme:

Theme_Keyword_Thesaurus: None

Theme_Keyword: Johnson's Seagrass

Theme_Keyword: Critical Habitat

Theme_Keyword: GIS

Theme_Keyword: Seagrass

Place:

Place_Keyword_Thesaurus: None

Place_Keyword: Florida

Place_Keyword: Atlantic Ocean

Place_Keyword: Sebastian Inlet

Place_Keyword: Fort Pierce Inlet

Place_Keyword: Indian River Lagoon

Place_Keyword: St. Lucie Inlet

Place_Keyword: Hobe Sound

Place_Keyword: Jupiter Inlet

Place_Keyword: Lake Worth

Place_Keyword: Lake Worth Lagoon

Place_Keyword: Lake Wyman

Place_Keyword: Biscayne Bay

Access_Constraints: None

Use_Constraints: Due to the collection of data used in this analysis from multiple data sources, some instances occur where the USACE ICW file intersects areas of the SJRWMD file classified as "Land", particularly in the vicinity of Hobe Sound. Clearly this is not the real world situation and efforts will be made to resolve these conflicts in the data. At this time, these were the best data available. The text description in 50 CFR Part 226 is always the one, true definition of Johnson's seagrass critical habitat. These or any other depictions are for information purposes only and shouldn't be relied on for regulatory purposes.

Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: National Coastal Data Development Center (NCDDC)

Contact_Person: Chris Henton

Contact_Position: GIS Analyst/Metadata Specialist

Contact_Address:

Address_Type: mailing and physical

Address: Building 1100

City: Stennis Space Center

State_or_Province: MS

Postal_Code: 39529

Country: USA

Contact_Voice_Telephone: 228-688-2354

Contact_Facsimile_Telephone: 228-688-2968

Contact_Electronic_Mail_Address: chris.henton@noaa.gov

Hours_of_Service: Monday - Friday, 8:00am - 4:30pm

Native_Data_Set_Environment: Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 2;
ESRI ArcCatalog 9.1.0.722

Data_Quality_Information:

Logical_Consistency_Report: Unknown

Completeness_Report: Complete pending review

Lineage:

Process_Step:

Process_Description: A point layer was created using the coordinates in the Federal Register. Those points were then used to digitize polygons. The polygons were then "clipped" to a detailed shoreline (cb24_det.e00) obtained from St. John's River Water Management District (SJRWMD). Following the clip operation, microstation design files of the ICW and Miami Harbor navigation channels were obtained from the US Army Corps of Engineers (USACE) and converted to shapefiles. The final ICW shapefile was created by using a 62.5ft buffer on either side of the centerline and editing that buffer file to match the widening areas in the vicinity of the critical habitat areas. The final Miami Harbor shapefile was created by digitizing a polygon over the channel edge line work in the design file. An Edit Clip was then performed to "punch a hole" through the Critical Habitat areas where they intersected the ICW and the Miami Harbor navigation channel, thus excluding the federally authorized navigation channels from the Critical Habitat areas. Finally, the data in the vicinity of Miami Harbor in Biscayne Bay were edited visually to correspond to the paper maps in the federal register document. Additionally, all data used were reprojected to match the detailed shoreline. (UTM Zone 17, NAD 83, HARN)

Process_Date: 20031114

Process_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: National Coastal Data Development Center (NCDDC)

Contact_Person: Chris Henton

Contact_Position: GIS Analyst/Metadata Specialist

Contact_Address:

Address_Type: mailing and physical

Address: Building 1100

City: Stennis Space Center

State_or_Province: MS

Postal_Code: 39529

Country: USA

Contact_Voice_Telephone: 228-688-2354

Contact_Facsimile_Telephone: 228-688-2968

Contact_Electronic_Mail_Address: chris.henton@noaa.gov

Hours_of_Service: Monday - Friday, 8:00am - 4:30pm

Process_Step:

Process_Description: Metadata imported.

Source_Used_Citation_Abbreviation: C:\Mandy\nesdis_data

\Johnson_Seagrass_Critical_Habitat_Vis_Ed_111403.xml

Process_Step:

Process_Description: Dataset copied.

Source_Used_Citation_Abbreviation: Q:\ARCDATA\GEODATA\States\FL

\john_sgrass_CH_FL_2003_po

Process_Step:

Process_Description: Dataset copied.

Source_Used_Citation_Abbreviation:

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: G-polygon

Point_and_Vector_Object_Count: 10

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Geographic:

Latitude_Resolution: 0.000000

Longitude_Resolution: 0.000000

Geographic_Coordinate_Units: Decimal degrees

Geodetic_Model:

Horizontal_Datum_Name: D_WGS_1984

Ellipsoid_Name: WGS_1984

Semi-major_Axis: 6378137.000000

Denominator_of_Flattening_Ratio: 298.257224

Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: john_sgrass_CH_FL_2003_po

Entity_Type_Definition: Critical Habitat for Johnson Seagrass as of November 14, 2003 with visual edits made based on existing maps.

Entity_Type_Definition_Source: NCDDC

Attribute:

Attribute_Label: FID

Attribute_Definition: Internal feature number.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute_Label: Shape

Attribute_Definition: Feature geometry.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain: Coordinates defining the features.

Attribute:

Attribute_Label: Id

Attribute_Definition: User Assigned Unit Identification number used for data creation.

Attribute_Definition_Source: NCDDC

Attribute_Domain_Values:

Unrepresentable_Domain: Numbers have no specific meaning, just a means of organizing shapes as the data were being digitized.

Attribute:

Attribute_Label: Location

Attribute_Definition: Name of physical location of designated unit

Attribute_Definition_Source: NCDDC

Attribute_Domain_Values:

Unrepresentable_Domain: Name used for identification purposes

Attribute:

Attribute_Label: Acre

Distribution_Information:

Resource_Description: Downloadable Data

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Transfer_Size: 0.081

Metadata_Reference_Information:

Metadata_Date: 20060803

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: NOAA/NESDIS/NODC/NCDDC- National Coastal Data Development Center

Contact_Person: REQUIRED: The person responsible for the metadata information.

Contact_Address:

Address_Type: mailing and physical

Address: Building 1100

City: Stennis Space Center

State_or_Province: MS

Postal_Code: 39529

Country: USA

Contact_Voice_Telephone: 866-732-2382

Contact_Facsimile_Telephone: 288-688-2968

Contact_Electronic_Mail_Address: ncddcmetadata@noaa.gov

Hours_of_Service: 8am-5pm, Monday through Friday

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: local time

Metadata_Extensions:

Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>

Profile_Name: ESRI Metadata Profile

Metadata_Extensions:

Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>

Profile_Name: ESRI Metadata Profile