

Metadata File — Raster Sample

Identification_Information:

Citation:

Citation_Information:

Originator: United States Department of Commerce, National Oceanic and Atmospheric Administration (NOAA), National Ocean Survey (currently National Ocean Service, National Geodetic Survey)

Publication_Date: 198103

Title: Georeferenced Scanned Coastal Map Named Suisun Bay (Suisun and Montezuma Sloughs) (TP-01053) Located in California, Nearby Sacramento and San Joaquin Rivers Developed from 1979-1981 Source Data

Geospatial_Data_Presentation_Form: Map

Publication_Information:

Publication_Place: Silver Spring, Maryland

Publisher: U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA), National Ocean Survey (currently National Ocean Service, National Geodetic Survey)

Online_Linkage: Unknown

Larger_Work_Citation:

Citation_Information:

Originator: U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA), National Environmental Satellite, Data, and Information Service (NESDIS), and National Ocean Service (NOS)

Publication_Date: Unknown

Title: Shoreline Data Rescue Project

Other_Citation_Details: This project was funded by the NOAA NESDIS Environmental Data Rescue Program (EDRP). The data were created by the National Ocean Service (previously the National Ocean Survey), National Geodetic Survey (NGS) as part of its ongoing mission to map the coastline of the United States. The NOAA National Ocean Service, Coastal Services Center developed the procedures used in this project and was responsible for project oversight. The project intent was to rescue valuable historical data and make it accessible and useful to the coastal mapping community. This process involved the conversion of analog products to digital mapping products.

Description:

Abstract: NOS coastal survey maps (often called t-sheet or tp-sheet maps) are special use planimetric or topographic maps that precisely define the shoreline and alongshore natural and man-made features, such as rocks, bulkheads, jetties, piers, and ramps. These maps range in scale from 1:5,000 to 1:40,000.

Purpose: NOS coastal survey maps serve as the basic database of shoreline and topography used in the production of nautical charts. Historical data from these surveys are often used in litigation to determine property ownership, to enforce regulatory mandates, and to estimate rates of shoreline change. Additionally, these maps provide an accurate framework of geomorphic data for generating related products, such as submerged aquatic vegetation maps and shoreline movement maps used in managing the nation's coastal resources. These maps permanently reside within the offices of the National Archives and Records Administration (NARA). These maps were transferred by NOS to NARA in 1999.

Supplemental_Information: <<http://mapfinder.nos.noaa.gov/>>

Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 197904

Ending_Date: 198103

Currentness_Reference: Ground condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: None

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -122.089

East_Bounding_Coordinate: -121.875

North_Bounding_Coordinate: 38.339

South_Bounding_Coordinate: 38.134

Keywords:

Theme:

Theme_Keyword_Thesaurus: None

Theme_Keyword: Shoreline map

Theme_Keyword: Coastal base map

Theme_Keyword: Coastal zone map

Theme_Keyword: Shoreline

Theme_Keyword: Vectorization

Theme_Keyword: Shoreline vectorization

Theme_Keyword: Shoreline data

Theme_Keyword: T-sheet

Theme_Keyword: Tp-sheet

Place:

Place_Keyword_Thesaurus: None

Place_Keyword: California

Place_Keyword: Suisun Bay

Place_Keyword: Suisun Slough

Place_Keyword: Montezuma Slough

Place_Keyword: Nurse Slough

Place_Keyword: Grizzly Island

Place_Keyword: Joice Island

Access_Constraints: None

Use_Constraints: These data were generated for use by NGS during the course of its development of potential final products to fulfill its statutory mission. Although NGS is making these data available to others who may find the data of value, NGS does not warrant, endorse, or recommend the use of these data for any given purpose. The user assumes the entire risk related to the use of these data. These data are not for navigational purposes. NGS is providing these data "as is," and NGS disclaims any and all warranties, whether expressed or implied, including

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Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: National Oceanic and Atmospheric Administration, National Ocean Service, National Geodetic Survey, Information Services Branch

Contact_Position: Senior cartographer

Contact_Address:

Address_Type: Mailing and physical address

Address: 1315 East-West Highway

City: Silver Spring

State_or_Province: Maryland

Postal_Code: 20910-3282

Country: USA

Contact_Voice_Telephone: (301) 713-3226

Contact_Facsimile_Telephone: (301) 713-4176

Contact_Electronic_Mail_Address: info_center@ngs.noaa.gov

Hours_of_Service: Monday through Friday, 7:00 a.m. to 4:30 p.m., Eastern Standard Time

Native_Data_Set_Environment: Sun Microsystems (r) workstation using Environmental Systems Research Institute, Inc. (ESRI) (r) ArcInfo (r) version 7.2.1

Data_Quality_Information:

Logical_Consistency_Report: Nothing to report

Completeness_Report: Nothing to report

Positional_Accuracy:

Horizontal_Positional_Accuracy:

Horizontal_Positional_Accuracy_Report: The derived digital data from this source map is only as accurate as the source map itself.

Quantitative_Horizontal_Positional_Accuracy_Assessment:

Horizontal_Positional_Accuracy_Value: 1.649

Horizontal_Positional_Accuracy_Explanation: Root mean square (RMS) error in meters for

x-coordinates

Quantitative_Horizontal_Positional_Accuracy_Assessment:

Horizontal_Positional_Accuracy_Value: 1.649

Horizontal_Positional_Accuracy_Explanation: Root mean square (RMS) error in meters for

y-coordinates

Vertical_Positional_Accuracy:

Vertical_Positional_Accuracy_Report: None

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator: U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Ocean Survey (currently National Ocean Service, National Geodetic Survey)

Publication_Date: Unknown

Title: Shoreline Map Named Suisun Bay (Suisun and Montezuma Sloughs) (TP-01053) Located in California, Nearby Sacramento and San Joaquin Rivers Dated from 1979-1981

Edition: First

Geospatial_Data_Presentation_Form: Raster map image

Publication_Information:

Publication_Place: Silver Spring, Maryland

Publisher: US Department of Commerce, National Oceanic and Atmospheric Administration, National Ocean Survey (currently National Ocean Service, National Geodetic Survey)

Online_Linkage: <<http://mapfinder.nos.noaa.gov>>

Source_Scale_Denominator: 20,000

Type_of_Source_Media: Map manuscript

Source_Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 197904

Ending_Date: 1978103

Source_Currentness_Reference: Ground condition

Source_Citation_Abbreviation: TP-01053

Source_Contribution: This was the original map that was scanned and later georeferenced.

Process_Step:

Process_Description: The source map was originally scanned at 400 dots per inch (DPI) by staff of the National Geodetic Survey and saved as a Zsoft Paintbrush (.pcx) format image. Staff of Techni Graphic Systems converted the image into a Tagged Image File Format (.tif) image. The .tif file was then georeferenced to an array of ground control points that were generated based upon those locations given on the shoreline map. Using Environmental Systems Research Institute's (ESRI) ArcInfo GIS software, the .tif image was georeferenced using the "register" and "rectify" commands to produce a file with geographic coordinates in decimal-degrees and referencing the North American 1983 Datum (NAD83). The resulting "geo-tif" image contains the spatial coordinate information within the header of the image.

Process_Date: 20000427

Process_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Techni Graphic Systems, Inc.

Contact_Position: Production manager

Contact_Address:

Address_Type: Mailing and physical address

Address: 2301 Research Blvd., Suite 101

City: Ft. Collins

State_or_Province: Colorado

Postal_Code: 80526

Country: USA

Contact_Voice_Telephone: (970) 224-4996

Contact_Facsimile_Telephone: (970) 224-3001

Contact_Electronic_Mail_Address: meishag@tgstech.com

Hours_of_Service: Monday through Friday, 8 a.m. to 5 p.m., Mountain Standard Time

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Raster

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Geographic:

Latitude_Resolution: 0.0000130159

Longitude_Resolution: 0.0000130159

Geographic_Coordinate_Units: Decimal degrees

Geodetic_Model:

Horizontal_Datum_Name: North American Datum 1983

Ellipsoid_Name: Geodetic Reference System 1980

Semi-major_Axis: 6378137

Denominator_of_Flattening_Ratio: 298.257

Distribution_Information:

Distributor:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: NOAA NOS National Geodetic Survey, Information Services Branch

Contact_Position: Senior cartographer

Contact_Address:

Address_Type: Mailing and physical address

Address: 1315 East-West Highway

City: Silver Spring

State_or_Province: Maryland

Postal_Code: 20910-3282

Country: USA

Contact_Voice_Telephone: (301)713-3226

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Contact_Electronic_Mail_Address: info_center@ngs.noaa.gov

Hours_of_Service: Monday through Friday, 7 a.m. to 4:30 p.m., Eastern Standard Time

Distribution_Liability: Not intended for navigational purposes

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Format_Name: ESRI shapefile

Digital_Transfer_Option:

Offline_Option:

Offline_Media: CD-ROM

Recording_Format: ISO 9660

Compatibility_Information:

ISO 9660 format allows the CDROM

to be read by most computer operating systems.

Fees: none

Metadata_Reference_Information:

Metadata_Date: 20000620

Metadata_Review_Date: 20000620

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: NOAA NOS National Geodetic Survey, Information Services Branch

Contact_Position: Information specialist

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Address_Type: Mailing and physical address

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Hours_of_Service: Monday through Friday, 7 a.m. to 4:30 p.m., Eastern Standard Time

Metadata_Standard_Name: FGDC CSDGM

Metadata_Standard_Version: FGDC-STD-001-1998