

Fort Larned National Historic Site, Accuracy Assessment Metadata

Identification_Information:

Citation:

Citation_Information:

Originator: USBR Remote Sensing and GIS Group, Denver, Colorado

Publication_Date: Unpublished Material

Title: fols_aa_pts

Edition: None

Geospatial_Data_Presentation_Form: vector digital data

Series_Information:

Series_Name: None

Issue_Identification: None

Publication_Information:

Publication_Place: None

Publisher: None

Other_Citation_Details: None

Online_Linkage: http://biology.usgs.gov/npsveg/fols/index.html#accuracy_assessment_info

Description:

Abstract: This metadata is for the 2006 accuracy assessment points (spatial database) created from the sample points collected at Fort Larned National Historic Site.

Purpose: Points were collected on the ground to calculate the thematic accuracy of the vegetation map.

Supplemental_Information: This coverage was created from field data in order to conduct a thematic accuracy assessment of the vegetation database at Fort Larned National Historic Site.

Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 2006

Ending_Date: 2006

Currentness_Reference: ground condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: None planned

Spatial_Domain:

Description_of_Geographic_Extent: Fort Larned National Historic Site and environs

Bounding_Coordinates:

West_Bounding_Coordinate: -99.240808

East_Bounding_Coordinate: -99.205577

North_Bounding_Coordinate: 38.188727

South_Bounding_Coordinate: 38.118488

Keywords:

Theme:

Theme_Keyword_Thesaurus: None

Theme_Keyword: Accuracy Assessment

Theme_Keyword: Ground Data

Theme_Keyword: Land Cover

Theme_Keyword: Point

Theme_Keyword: Vegetation

Theme_Keyword: National Park Service

Place:

Place_Keyword_Thesaurus: None

Place_Keyword: Fort Larned National Historic Site

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Place_Keyword: Kansas

Place_Keyword: Larned

Place_Keyword: Pawnee County

Stratum:

Stratum_Keyword_Thesaurus: None

Stratum_Keyword: None

Temporal:

Temporal_Keyword_Thesaurus: None

Temporal_Keyword: 2006

Taxonomy:

Keywords/Taxon:

Taxonomic_Keyword_Thesaurus: None

Taxonomic_Keywords: Standardized National Vegetation Classification System

Taxonomic_Keywords: vegetation classification

Taxonomic_Keywords: alliance

Taxonomic_Keywords: community association

Taxonomic_Classification:

Taxon_Rank_Name: Kingdom

Taxon_Rank_Value: Plantae

Access_Constraints: None

Use_Constraints: None

Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Bureau of Reclamation

Contact_Person: Mike Pucherelli

Contact_Position: Group Manager

Contact_Address:

Address_Type: mailing and physical address

Address: P.O. Box 25007 Bldg. 56 Denver Federal Center M.S. D-8260

City: Denver

State_or_Province: Colorado

Postal_Code: 80225

Country: United States of America

Contact_Voice_Telephone: 303-445-2267

Contact_TDD/TTY_Telephone: None

Contact_Facsimile_Telephone: 303-445-6337

Contact_Electronic_Mail_Address: mpucherelli@do.usbr.gov

Hours_of_Service: 8 am - 5 pm

Contact_Instructions: None

Data_Set_Credit: USBR Remote Sensing and GIS Group: Mike Pucherelli. Others: Dan Cogan (Cogan

Technology Inc.), Kelly Kindscher (Kansas Biological Survey), and Jim Drake (Nature Serve).

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

ArcCatalog 9.2.0.1324

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report: Positional Accuracy is only as good as the GPS Receiver used. Thematic accuracy was not checked for this layer. Thematic data was collected on the ground by trained ecologists.

Quantitative_Attribute_Accuracy_Assessment:

Attribute_Accuracy_Value: None

Attribute_Accuracy_Explanation: None

Logical_Consistency_Report: All point features were checked for uniqueness and for correct and complete attributing.

Completeness_Report: All points required for the accuracy assessment at Fort Larned National Historic Site are included in this coverage.

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Positional_Accuracy:

Horizontal_Positional_Accuracy:

Horizontal_Positional_Accuracy_Report: GPS accuracy varies for each plot. Error values were recorded.

Quantitative_Horizontal_Positional_Accuracy_Assessment:

Horizontal_Positional_Accuracy_Value: Accuracy +/-

Horizontal_Positional_Accuracy_Explanation: Uncorrected GPS Points recorded with a handheld, commercial GPS receiver. Error values were recorded.

Vertical_Positional_Accuracy:

Vertical_Positional_Accuracy_Report: GPS accuracy varies for each plot. Error values were recorded.

Quantitative_Vertical_Positional_Accuracy_Assessment:

Vertical_Positional_Accuracy_Value: Accuracy +/-

Vertical_Positional_Accuracy_Explanation: Uncorrected GPS Points recorded with a handheld, commercial GPS receiver. Error values were recorded.

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator: None

Publication_Date: Unpublished Material

Title: None

Geospatial_Data_Presentation_Form: Unknown

Publication_Information:

Publication_Place: None

Publisher: None

Source_Scale_Denominator: Ground Condition

Type_of_Source_Media: paper

Source_Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 2006

Source_Currentness_Reference: Unknown

Source_Citation_Abbreviation: None

Source_Contribution: None

Process_Step:

Process_Description: Points were located using a stratified random sampling method. Portions of the methodology were derived from the USGS/NPS Vegetation Mapping Program's Accuracy Assessment Procedures. Vegetation data at each point was recorded by qualified ecologists using a standard NVC Point data collection form. Data was manually transferred to a MS Access database. Point coverage was created by importing the database into ArcView as an event theme.

Process_Date: 2006

Process_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Dan Cogan

Contact_Organization: Cogan Technology Inc.

Contact_Position: Vice-President

Contact_Address:

Address_Type: mailing and physical address

Address: 21 Valley Road

City: Galena

State_or_Province: Illinois

Postal_Code: 61036

Country: United States of America

Contact_Voice_Telephone: 815-777-1773

Contact_TDD/TTY_Telephone: None

Contact_Facsimile_Telephone: None

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Contact_Electronic_Mail_Address: dancogan@cogantech.com
Hours_of_Service: 8 am - 5 pm
Contact_Instructions: None

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: Entity point
Point_and_Vector_Object_Count: 106

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Grid_Coordinate_System:
Grid_Coordinate_System_Name: Universal Transverse Mercator
Universal_Transverse_Mercator:
UTM_Zone_Number: 14
Transverse_Mercator:
Scale_Factor_at_Central_Meridian: 0.999600
Longitude_of_Central_Meridian: -99.000000
Latitude_of_Projection_Origin: 0.000000
False_Easting: 500000.000000
False_Northing: 0.000000
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.000001
Ordinate_Resolution: 0.000001
Planar_Distance_Units: meters
Geodetic_Model:
Horizontal_Datum_Name: North American Datum of 1983
Ellipsoid_Name: Geodetic Reference System 80
Semi-major_Axis: 6378137.000000
Denominator_of_Flattening_Ratio: 298.257222

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: fols_aa_pts
Entity_Type_Definition: Feature Class
Entity_Type_Definition_Source: Kansas Biological Survey
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: PLOT_CODE

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Attribute_Definition: Unique Code Used to Identify AA Points

Attribute_Definition_Source: Kansas Biological Survey

Attribute_Domain_Values:

Unrepresentable_Domain: Unique Code Used to Identify AA Points.

Attribute:

Attribute_Label: NAME1

Attribute_Definition: Plant Association Name

Attribute_Definition_Source: Kansas Biological Survey

Attribute_Domain_Values:

Unrepresentable_Domain: Textual first other plant association name.

Attribute:

Attribute_Label: MAP_CODE

Attribute_Definition: Map Code for the First Plant Association

Attribute_Definition_Source: Kansas Biological Survey

Attribute_Domain_Values:

Unrepresentable_Domain: Global explanation of map class codes used for field and map calls.

Attribute:

Attribute_Label: NAME2

Attribute_Definition: Second Plant Association Name

Attribute_Definition_Source: Kansas Biological Survey

Attribute_Domain_Values:

Unrepresentable_Domain: Textual second other plant association name.

Attribute:

Attribute_Label: MAP_CODE2

Attribute_Definition: Map Code for the Second Plant Association

Attribute_Definition_Source: Kansas Biological Survey

Attribute_Domain_Values:

Unrepresentable_Domain: Global explanation of map class codes used for field and map calls.

Attribute:

Attribute_Label: FINAL_CODE

Attribute_Definition: Final Map Code used for the AA

Attribute_Definition_Source: Kansas Biological Survey

Attribute_Domain_Values:

Unrepresentable_Domain: Numerical final map code used in AA.

Attribute:

Attribute_Label: ELCODE

Attribute_Definition: NVC Code for the Plant Association

Attribute_Definition_Source: Kansas Biological Survey

Attribute_Domain_Values:

Unrepresentable_Domain: Textual and numerical code.

Attribute:

Attribute_Label: LOCATION

Attribute_Definition: Location of the Point in the Park

Attribute_Definition_Source: Kansas Biological Survey

Attribute_Domain_Values:

Unrepresentable_Domain: Project-derived location descriptions providing general location in and around FOLS.

Attribute:

Attribute_Label: SUBLOC

Attribute_Definition: Sub-location of the Point in the Park

Attribute_Definition_Source: Kansas Biological Survey

Attribute_Domain_Values:

Unrepresentable_Domain: Textual sub-location description.

Attribute:

Attribute_Label: X_CORRECT

Attribute_Definition: Corrected UTM X Value

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Attribute_Definition_Source: U.S. Bureau of Reclamation

Attribute_Domain_Values:

Unrepresentable_Domain: Easting coordinate collected during field assessment.

Attribute:

Attribute_Label: Y_CORRECT

Attribute_Definition: Corrected UTM Y Value

Attribute_Definition_Source: U.S. Bureau of Reclamation

Attribute_Domain_Values:

Unrepresentable_Domain: Northing coordinate collected during field assessment.

Attribute:

Attribute_Label: UTM_ZONE

Attribute_Definition: UTM Zone of the AA Point

Attribute_Definition_Source: Kansas Biological Survey

Attribute_Domain_Values:

Unrepresentable_Domain: UTM Zone 14.

Attribute:

Attribute_Label: DATUM

Attribute_Definition: Projection Datum of the AA Point

Attribute_Definition_Source: Kansas Biological Survey

Attribute_Domain_Values:

Unrepresentable_Domain: NAD 83.

Attribute:

Attribute_Label: ACCURACY

Attribute_Definition: Accuracy of the GPS Unit in Meters

Attribute_Definition_Source: Kansas Biological Survey

Attribute_Domain_Values:

Unrepresentable_Domain: Numerical GPS accuracy for AA points.

Attribute:

Attribute_Label: DATE

Attribute_Definition: Date of Data Collection

Attribute_Definition_Source: Kansas Biological Survey

Attribute_Domain_Values:

Unrepresentable_Domain: Numerical of the date the plot was observed.

Attribute:

Attribute_Label: SURVEYORS

Attribute_Definition: Names of the Surveyors Who Collected the Data

Attribute_Definition_Source: Kansas Biological Survey

Attribute_Domain_Values:

Unrepresentable_Domain: Textual surveyors initials.

Attribute:

Attribute_Label: HETERO

Attribute_Definition: Description of the heterogeneity of the vegetation in the vicinity of the AA point

Attribute_Definition_Source: Kansas Biological Survey

Attribute_Domain_Values:

Unrepresentable_Domain: Textual vegetation description near AA points.

Attribute:

Attribute_Label: OTHER

Attribute_Definition: Other Vegetation Association Found Near Point

Attribute_Definition_Source: Kansas Biological Survey

Attribute_Domain_Values:

Unrepresentable_Domain: Textual of other general description.

Attribute:

Attribute_Label: OTHER2

Attribute_Definition: Third Vegetation Association Found Near Point

Attribute_Definition_Source: Kansas Biological Survey

Attribute_Domain_Values:

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Unrepresentable_Domain: Textual of other general description.

Attribute:

Attribute_Label: SPECIES

Attribute_Definition: Number of Plant Species Recorded at the Point

Attribute_Definition_Source: Kansas Biological Survey

Attribute_Domain_Values:

Unrepresentable_Domain: Numerical count of plant species at each accuracy assessment point.

Overview_Description:

Entity_and_Attribute_Overview: Attributes were either generated by ArcInfo or assigned by Fort Larned National Historic Site or NatureServe.

Entity_and_Attribute_Detail_Citation: Fort Larned National Historic Site Mapping Project Final Report (DOI – USGS/USBR)

Distribution_Information:

Distributor:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: USGS Biological Resources Division, Center for Biological Informatics

Contact_Person: USGS-NPS Vegetation Mapping Program Coordinator

Contact_Address:

Address_Type: Physical Address

Address: USGS

Address: Biological Resources Division, CBI

Address: Building 810, Room 8000

City: Denver

State_or_Province: Colorado

Postal_Code: 80225-0046

Country: USA

Contact_Address:

Address_Type: Mailing Address

Address: USGS

Address: Biological Resources Division, CBI

Address: PO BOX 25046, DFC, MS302

City: Denver

State_or_Province: Colorado

Postal_Code: 80225-0046

Country: USA

Contact_Voice_Telephone: (303) 202-4220

Contact_Facsimile_Telephone: (303) 202-4229

Contact_Facsimile_Telephone: (303) 202-4219 (org)

Contact_Electronic_Mail_Address: gs-b-npsveg@usgs.gov

Resource_Description: Downloadable Data

Distribution_Liability:

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Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Format_Name: HTML

Digital_Transfer_Option:

Online_Option:

Computer_Contact_Information:

Network_Address:

Network_Resource_Name: http://biology.usgs.gov/npsveg/fols/index.html#accuracy_assessment_info

Fees: None

Metadata_Reference_Information:

Metadata_Date: 20080313

Metadata_Review_Date: 20080814

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: USGS-NPS Vegetation Mapping Program Coordinator

Contact_Address:

Address_Type: mailing and physical address

Address:

U.S. Geological Survey, Center for Biological Informatics, MS 302,

Room 8000, Building 810, Denver Federal Center

City: Denver

State_or_Province: Colorado

Postal_Code: 80225

Country: USA

Contact_Voice_Telephone: (303) 202-4220

Contact_Facsimile_Telephone: (303) 202-4219

Contact_Electronic_Mail_Address: gs-b-npsveg@usgs.gov

Metadata_Standard_Name: FGDC-STD-001.1-1999 Content Standard for Digital Geospatial Metadata, 1998 Part 1: Biological Data Profile, 1999

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Extensions:

Online_Linkage: http://metadata.nbii.gov/portal/community/Communities/Toolkit/Metadata/FGDC_Metadata/

Profile_Name: Biological Data Profile FGDC-STD-001.1-1999