

Hopewell Furnace National Historic Site, Boundary Metadata

Identification_Information:

Citation:

Citation_Information:

Originator: Hopewell Furnace NHS

Publication_Date: Unpublished Material

Title: Hopewell Furnace NHS Boundary

Edition: 1996 (Park Supplied Data)

Geospatial_Data_Presentation_Form: vector digital data

Online_Linkage: http://biology.usgs.gov/npsveg/hofu/index.html#geospatial_veg_info

Description:

Abstract: Hopewell Furnace NHS boundary originally existed in Atlas*GIS format. The data were then converted to ESRI shapefile format and reprojected to UTM-18, NAD83, meters in 1996.

Purpose: Reference for GIS projects

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 1996

Currentness_Reference: Date obtained from the park via a site visit by NC State University

Status:

Progress: Complete

Maintenance_and_Update_Frequency: None planned

Spatial_Domain:

Description_of_Geographic_Extent: Hopewell Furnace National Historic Site and environs

Bounding_Coordinates:

West_Bounding_Coordinate: -75.777368

East_Bounding_Coordinate: -75.754760

North_Bounding_Coordinate: 40.219884

South_Bounding_Coordinate: 40.189896

Keywords:

Theme:

Theme_Keyword_Thesaurus: None

Theme_Keyword: boundary

Place:

Place_Keyword_Thesaurus: None

Place_Keyword: Hopewell Furnace NHS

Place_Keyword: Pennsylvania

Access_Constraints: None

Use_Constraints:

National Park Service use only. Data have not been released by the NPS.

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Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: National Park Service - Northeast Regional Office, Philadelphia, PA

Contact_Position: Regional Geographical Information Specialist

Contact_Address:

Address_Type: mailing address

Address: 200 Chestnut Street, US Customs House

City: Philadelphia

State_or_Province: PA

Postal_Code: 19106

Contact_Voice_Telephone: 215-597-9655

Native_Data_Set_Environment: ESRI Shapefile

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report: None

Logical_Consistency_Report: ESRI line geomerty

Completeness_Report: Park boundary as of 1996

Positional_Accuracy:

Horizontal_Positional_Accuracy:

Horizontal_Positional_Accuracy_Report: None. The data appears to align spatially with other available digital geospatial data.

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator: Hopewell Furnace NHS

Publication_Date: Unpublished Material

Title: hofu_bnd

Geospatial_Data_Presentation_Form: vector digital data

Type_of_Source_Media: Magnetic tape

Source_Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 1996

Source_Currentness_Reference: Date obtained from the park via a site visit by NC State University

Source_Citation_Abbreviation: hofu_bnd

Source_Contribution: park boundary

Process_Step:

Process_Description: The hofu_bnd was converted from Atlas*GIS format to ESRI shapefile format. The data were then reprojected to UTM-18, NAD83, meters.

Process_Date: 1996

Process_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Organization: NC State University

Contact_Person: Bill Slocumb

Contact_Position: Research Associate

Contact_Address:

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Address_Type: mailing address
Address: Campus Box 7106
City: Raleigh
State_or_Province: NC
Postal_Code: 27695
Country: USA
Contact_Voice_Telephone: 919-515-3432
Contact_Facsimile_Telephone: 919-515-3439
Contact_Electronic_Mail_Address: bill_slocumb@ncsu.edu

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: String
Point_and_Vector_Object_Count: 13

Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Grid_Coordinate_System:
Grid_Coordinate_System_Name: Universal Transverse Mercator
Universal_Transverse_Mercator:
UTM_Zone_Number: 18
Transverse_Mercator:
Scale_Factor_at_Central_Meridian: 0.999600
Longitude_of_Central_Meridian: -75.000000
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: 0.000008
Ordinate_Resolution: 0.000008
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: hofu_bnd
Entity_Type_Definition: Attribute database
Entity_Type_Definition_Source: NC State University
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

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Attribute_Definition: Feature geometry.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.

Attribute:

Attribute_Label: LENGTH
Attribute_Definition: length of individual line segments
Attribute_Definition_Source: None
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 6.731
Range_Domain_Maximum: 2198.278
Attribute_Units_of_Measure: meter

Distribution_Information:

Distributor:

Contact_Information:

Contact_Organization_Primary:
Contact_Organization: USGS Center for Biological Informatics
Contact_Position: USGS-NPS Vegetation Mapping Program Coordinator
Contact_Address:
Address_Type: mailing and physical address
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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/hofu/index.html#geospatial_veg_info

Access_Instructions: Internet Access

Fees: None

Metadata_Reference_Information:

Metadata_Date: 20060222

Metadata_Review_Date: 20071106

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: USGS-NPS Vegetation Mapping Program Coordinator

Contact_Address:

Address_Type: mailing and physical address

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

Room 8000, Building 810, Denver Federal Center

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State_or_Province: Colorado

Postal_Code: 80225

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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.nbi.gov/portal/community/Communities/Toolkit/Metadata/FGDC_Metadata/

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