Hurricane Evacuation Routes

Identification Information:

Citation:

Citation Information:

Publication Date: 20070821

Title: Hurricane Evacuation Routes

Edition: 2nd Quarter 2007

Geospatial Data Presentation Form: vector digital data

Description:

Abstract: This dataset represents hurricane evacuation routes in the United States. A hurricane evacuation route is a designated route used to direct traffic inland in case of a hurricane threat. This dataset is based on supplied data from gulf coast and Atlantic seaboard states. Each state was contacted by TGS to determine an official source for hurricane evacuation routes. GIS data were gathered from states willing to share such data. In cases where states were unable, or unwilling to share data in this format, TGS requested that the states provide a source for identifying hurricane evacuation routes. The states usually identified a website that made this data available to the public. Three (3) states (ME, NY, and NH) indicated that they do not maintain public maps showing hurricane evacuation routes and were unable, or unwilling to share GIS files depicting such routes. Hurricane evacuation routes depicted on non-GIS maps were digitized using aerial orthoimagery while referencing supplied maps. Shapefiles that depicted hurricane evacuation routes were edge matched and merged with the digitized evacuation routes. All routes identified as primary hurricane evacuation routes were included in this dataset. If a state also designated secondary hurricane evacuation routes, they were included as well. Routes depicted in this dataset are dependent upon what each state identified as a hurricane evacuation route. Criteria used to identify these routes may vary from state to state.

Purpose: This dataset represents hurricane evacuation routes in the United States.

Time Period of Content:

Time Period Information:

Range of Dates/Times:

Beginning Date: 20070116

Ending Date: 20070821

Currentness Reference: ground condition

Status:

Progress: Complete

Spatial Domain:
Bounding Coordinates:
West Bounding Coordinate: -99.50272
East Bounding Coordinate: -71.13373
North Bounding Coordinate: 41.89679
South Bounding Coordinate: 24.55039

Keywords:
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Category
Theme Keyword: transportation
Theme:
Theme Keyword Thesaurus: LCSH - Library of Congress subject headings
(Washington, DC: LC, Cataloging Distribution Service) http://authorities.loc.gov
Theme Keyword: Evacuation of civilians
Theme Keyword: Hurricane protection
Theme Keyword: Disaster relief
Theme Keyword: Express highways
Theme Keyword: Roads
Theme Keyword: Emergency transportation

Place:
Place Keyword Thesaurus: LCSH - Library of Congress subject headings
(Washington, DC: LC, Cataloging Distribution Service) http://authorities.loc.gov
Place Keyword: Rhode Island
Place Keyword: Mississippi
Place Keyword: Alabama
Place Keyword: Louisiana
Place Keyword: Washington (D.C.)
Place Keyword: Georgia
Place Keyword: Virginia
Place Keyword: Connecticut
Place Keyword: Delaware
Place Keyword: Florida
Place Keyword: New Jersey
Place Keyword: North Carolina
Place Keyword: South Carolina
Place Keyword: Maryland
Place Keyword: Texas

Access Constraints: Access Constraint: None (Public Domain Information);
Use Constraints: Access Constraint: None (Public Domain Information) Use
Constraint: None (Public Use)

Point of Contact:
Contact Information:
Contact Organization Primary:
Contact Organization: Techni Graphic Systems, Inc.
Contact Person: Mike Thompson
Contact Position: Director of Geospatial Datasets
Contact Address:
Address Type: mailing and physical
Address: 2000 Noble Drive
City: Wooster
State or Province: OH
Postal Code: 44691
Country: US
Contact Voice Telephone: 330-263-6222
Contact Facsimile Telephone: 330-263-6294
Contact Electronic Mail Address: mthompson@tgstech.com
Hours: 8am - 5pm, Monday - Friday, Eastern Time
Security Information:
Security Classification System: DOD
Security Classification: Unclassified
Security Handling Description: Unclassified
Native Data Set Environment:
Native Data Set Environment: Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 3; ESRI ArcCatalog 9.3.1.1850
Spatial Data Organization Information:
Direct Spatial Reference Method: Vector
Point and Vector Object Information:
SDTS Terms Description:
Point and Vector Object Count: 31593
Entity and Attribute Information:
Detailed Description:
Entity Type:
Entity Type Label: HurricaneEvacuationRoutes
Entity Type Definition: A hurricane evacuation route is a designated route used to direct traffic inland in case of a hurricane threat.
Entity Type Definition Source: TGS
Attribute:
Attribute Label: METLNKID
Attribute Definition: Link to Metadata - currently this attribute is not used and is not populated.
Attribute Definition Source: TGS
Attribute Domain Values:
**Unrepresentable Domain:** Text

**Attribute:**

**Attribute Label:** BRIDGE

**Attribute Definition:** Indicates if road segment is a bridge.

**Attribute Definition Source:** Homeland Security Infrastructure Program Tiger Team Report

**Attribute Domain Values:**

**Enumerated Domain:**

**Enumerated Domain Value:** <BLANK>

**Enumerated Domain Value Definition:** Unknown or not provided.

**Enumerated Domain Value Definition Source:** TGS

**Enumerated Domain:**

**Enumerated Domain Value:** N

**Enumerated Domain Value Definition:** Indicates road segment is not a bridge.

**Enumerated Domain Value Definition Source:** Homeland Security Infrastructure Program Tiger Team Report

**Enumerated Domain:**

**Enumerated Domain Value:** Y

**Enumerated Domain Value Definition:** Indicates road segment is a bridge.

**Enumerated Domain Value Definition Source:** Homeland Security Infrastructure Program Tiger Team Report

**Attribute:**

**Attribute Label:** ALTROADN_1

**Attribute Definition:** Indicates the alternate name as given for road segment.

**Attribute Definition Source:** Homeland Security Infrastructure Program Tiger Team Report

**Attribute Domain Values:**

**Unrepresentable Domain:** Text

**Attribute:**

**Attribute Label:** SHELTERROU

**Attribute Definition:** Indicates if evacuation route ends at a designated shelter.

**Attribute Definition Source:** TGS

**Attribute Domain Values:**

**Enumerated Domain:**

**Enumerated Domain Value:** N

**Enumerated Domain Value Definition:** Indicates that evacuation route does not end at a designated shelter.

**Enumerated Domain Value Definition Source:** TGS

**Enumerated Domain:**

**Enumerated Domain Value:** <BLANK>
Enumerated Domain Value Definition: Unknown or not provided.
Enumerated Domain Value Definition Source: TGS
Enumerated Domain: 
Enumerated Domain Value: Y
Enumerated Domain Value Definition: Indicates that evacuation route ends at a designated shelter.
Enumerated Domain Value Definition Source: TGS
Attribute Domain Values:
Unrepresentable Domain: Coordinates defining the features.
Attribute:
Attribute Label: RPOSTALCOD
Attribute Definition: Right zone, e.g. postal zip code.
Attribute Definition Source: Homeland Security Infrastructure Program Tiger Team Report
Attribute Domain Values:
Codeset Domain:
Codeset Name: USPS Address Information System
Codeset Source: United States Postal Service
Attribute:
Attribute Label: Shape
Attribute Definition: Feature geometry.
Attribute Definition Source: ESRI
Attribute Domain Values:
Unrepresentable Domain: Coordinates defining the features.
Attribute:
Attribute Label: STATE
Attribute Definition: Two (2) character abbreviation for state associated with the feature.
Attribute Definition Source: TGS
Attribute Domain Values:
Codeset Domain:
Codeset Name: Official USPS Abbreviations - State Abbreviations
Codeset Source: United States Postal Service
<http://www.usps.com/ncsc/lookups/usps_abbreviations.html>
Attribute Domain Values:
Unrepresentable Domain: Positive real numbers that are automatically generated.
Attribute:
Attribute Label: MEDIAN
Attribute Definition: Indicates the median existence status of road segment.
**Attribute Definition Source:** Homeland Security Infrastructure Program Tiger Team Report

**Attribute Domain Values:**

- **Enumerated Domain:**
  - **Enumerated Domain Value:** Y
    - **Enumerated Domain Value Definition:** Indicates road segment has a median.
    - **Enumerated Domain Value Definition Source:** Homeland Security Infrastructure Program Tiger Team Report
  - **Enumerated Domain Value:** N
    - **Enumerated Domain Value Definition:** Indicates road segment does not have a median.
    - **Enumerated Domain Value Definition Source:** Homeland Security Infrastructure Program Tiger Team Report
  - **Enumerated Domain Value:** <BLANK>
    - **Enumerated Domain Value Definition:** Unknown or not provided.
    - **Enumerated Domain Value Definition Source:** TGS

**Attribute:**

- **Attribute Label:** ALTROADN_2
- **Attribute Definition:** Indicates the alternate name as given for road segment.
- **Attribute Definition Source:** Homeland Security Infrastructure Program Tiger Team Report

**Attribute Domain Values:**

- **Unrepresentable Domain:** Text

**Attribute:**

- **Attribute Label:** PAVED
- **Attribute Definition:** Indicates the paved status of road segment.
- **Attribute Definition Source:** Homeland Security Infrastructure Program Tiger Team Report

**Attribute Domain Values:**

- **Enumerated Domain:**
  - **Enumerated Domain Value:** Y
    - **Enumerated Domain Value Definition:** Indicates road segment is paved.
    - **Enumerated Domain Value Definition Source:** Homeland Security Infrastructure Program Tiger Team Report
  - **Enumerated Domain Value:** <BLANK>
    - **Enumerated Domain Value Definition:** Unknown or not provided.
    - **Enumerated Domain Value Definition Source:** TGS
Enumerated Domain:
Enumerated Domain Value: N
Enumerated Domain Value Definition: Indicates road segment is not paved.
Enumerated Domain Value Definition Source: Homeland Security Infrastructure Program Tiger Team Report

Attribute:
Attribute Label: SHAPE
Attribute Definition: Feature geometry.
Attribute Definition Source: ESRI

Attribute Domain Values:
Unrepresentable Domain: Coordinates defining the features.

Attribute:
Attribute Label: RAMP
Attribute Definition: Indicates if road segment is a ramp.
Attribute Definition Source: Homeland Security Infrastructure Program Tiger Team Report

Attribute Domain Values:
Enumerated Domain:
Enumerated Domain Value: N
Enumerated Domain Value Definition: Indicates road segment is not a ramp.
Enumerated Domain Value Definition Source: Homeland Security Infrastructure Program Tiger Team Report

Enumerated Domain:
Enumerated Domain Value: Y
Enumerated Domain Value Definition: Indicates road segment is a ramp.
Enumerated Domain Value Definition Source: Homeland Security Infrastructure Program Tiger Team Report

Enumerated Domain:
Enumerated Domain Value: <BLANK>
Enumerated Domain Value Definition: Unknown or not provided.
Enumerated Domain Value Definition Source: TGS

Attribute:
Attribute Label: ALTROADNAM
Attribute Definition: Indicates the alternate name as given for road segment.
Attribute Definition Source: Homeland Security Infrastructure Program Tiger Team Report

Attribute Domain Values:
Unrepresentable Domain: Text

Attribute:
Attribute Label: ROAD_NAME
Attribute Definition: Indicates the posted name as given for road segment.
Attribute Definition Source: Homeland Security Infrastructure Program Tiger Team Report
Attribute Domain Values:
Unrepresentable Domain: Text
Attribute:
Attribute Label: SECCLASS
Attribute Definition: Security classification of feature.
Attribute Definition Source: TGS
Attribute Domain Values:
Enumerated Domain:
Enumerated Domain Value: UNCLASSIFIED
Enumerated Domain Value Definition: Feature is unclassified
Enumerated Domain Value Definition Source: TGS
Attribute:
Attribute Label: NIMA_ID
Attribute Definition: Unique identifier for feature.
Attribute Definition Source: TGS
Attribute Domain Values:
Unrepresentable Domain: Text
Attribute:
Attribute Label: TUNNEL
Attribute Definition: Indicates if road segment is a tunnel.
Attribute Definition Source: Homeland Security Infrastructure Program Tiger Team Report
Attribute Domain Values:
Enumerated Domain:
Enumerated Domain Value: N
Enumerated Domain Value Definition: Indicates road segment is not a tunnel.
Enumerated Domain Value Definition Source: Homeland Security Infrastructure Program Tiger Team Report
Enumerated Domain:
Enumerated Domain Value: Y
Enumerated Domain Value Definition: Indicates road segment is a tunnel.
Enumerated Domain Value Definition Source: Homeland Security Infrastructure Program Tiger Team Report
Enumerated Domain:
Enumerated Domain Value: <BLANK>
Enumerated Domain Value Definition: Unknown or not provided.
Enumerated Domain Value Definition Source: TGS
Attribute:
Attribute Label: Shape_Le_1
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: ROAD_CLASS
Attribute Definition: Indicates the level of road type.
Attribute Definition Source: Homeland Security Infrastructure Program Tiger Team Report
Attribute Domain Values:
Enumerated Domain:
Enumerated Domain Value: STATE HIGHWAY
Enumerated Domain Value Definition: Feature is a State Highway.
Enumerated Domain Value Definition Source: Homeland Security Infrastructure Program Tiger Team Report
Enumerated Domain:
Enumerated Domain Value: FEDERAL HIGHWAY
Enumerated Domain Value Definition: Feature is a Federal Highway.
Enumerated Domain Value Definition Source: Homeland Security Infrastructure Program Tiger Team Report
Enumerated Domain:
Enumerated Domain Value: <BLANK>
Enumerated Domain Value Definition: Unknown or not provided.
Enumerated Domain Value Definition Source: TGS
Enumerated Domain:
Enumerated Domain Value: STREET
Enumerated Domain Value Definition: Feature is a Street.
Enumerated Domain Value Definition Source: Homeland Security Infrastructure Program Tiger Team Report
Enumerated Domain:
Enumerated Domain Value: INTERSTATE HIGHWAY
Enumerated Domain Value Definition: Feature is an Interstate Highway.
Enumerated Domain Value Definition Source: Homeland Security Infrastructure Program Tiger Team Report

Attribute:
Attribute Label: TOLLWAY
Attribute Definition: Indicates if road segment is a toll way.
Attribute Definition Source: Homeland Security Infrastructure Program Tiger Team Report

Attribute Domain Values:
Enumerated Domain:
Enumerated Domain Value: Y
Enumerated Domain Value Definition: Indicates road segment is a toll way.
Enumerated Domain Value Definition Source: Homeland Security Infrastructure Program Tiger Team Report

Enumerated Domain:
Enumerated Domain Value: N
Enumerated Domain Value Definition: Indicates road segment is not a toll way.
Enumerated Domain Value Definition Source: Homeland Security Infrastructure Program Tiger Team Report

Enumerated Domain:
Enumerated Domain Value: <BLANK>
Enumerated Domain Value Definition: Unknown or not provided.
Enumerated Domain Value Definition Source: TGS

Attribute:
Attribute Label: LANECATEG
Attribute Definition: Indicates the number of traffic lanes in a single direction on a link.
Attribute Definition Source: Homeland Security Infrastructure Program Tiger Team Report

Attribute Domain Values:
Enumerated Domain:
Enumerated Domain Value: NA
Enumerated Domain Value Definition: Not available.
Enumerated Domain Value Definition Source: Homeland Security Infrastructure Program Tiger Team Report

Enumerated Domain:
Enumerated Domain Value: 2
Enumerated Domain Value Definition: Road segment has 2-3 lanes.
Enumerated Domain Value Definition Source: Homeland Security Infrastructure Program Tiger Team Report

Enumerated Domain:
Enumerated Domain Value: 1
Enumerated Domain Value Definition: Road segment has 1 lane.
Enumerated Domain Value Definition Source: Homeland Security Infrastructure Program Tiger Team Report

Enumerated Domain:
Enumerated Domain Value: 3
Enumerated Domain Value Definition: Road segment has 4 or more lanes.
Enumerated Domain Value Definition Source: Homeland Security Infrastructure Program Tiger Team Report

Enumerated Domain:  
Enumerated Domain Value: <BLANK>  
Enumerated Domain Value Definition: Unknown or not provided.
Enumerated Domain Value Definition Source: TGS

Attribute:  
Attribute Label: SHAPE_LENG  
Attribute Definition: Length of shape in miles.
Attribute Definition Source: TGS
Attribute Domain Values:  
Unrepresentable Domain: Number

Attribute:  
Attribute Label: COUNTERFLO  
Attribute Definition: Indicates if direction of road has been changed from its original flow of traffic in order to speed up evacuation.
Attribute Definition Source: TGS
Attribute Domain Values:  
Enumerated Domain:  
Enumerated Domain Value: N  
Enumerated Domain Value Definition: Indicates that direction of road has not been changed from its original flow of traffic.
Enumerated Domain Value Definition Source: TGS
Enumerated Domain: 
Enumerated Domain Value: <BLANK>  
Enumerated Domain Value Definition: Unknown or not provided.
Enumerated Domain Value Definition Source: TGS
Enumerated Domain: 
Enumerated Domain Value: Y  
Enumerated Domain Value Definition: Indicates that direction of road has been changed from its original flow of traffic.
Enumerated Domain Value Definition Source: TGS

Attribute:  
Attribute Label: LPOSTALCOD  
Attribute Definition: Left zone, e.g. postal zip code.
Attribute Definition Source: Homeland Security Infrastructure Program Tiger Team Report
Attribute Domain Values:  

Codeset Domain: USPS Address Information System
Codeset Source: United States Postal Service

Distribution Information:
Distribution Liability: See access and use constraints information.

Metadata Reference Information:
Metadata Date: 20070821

Contact Information:
Contact Organization Primary:
Contact Organization: Techni Graphic Systems, Inc.
Contact Person: Mike Thompson
Contact Position: Director of Geospatial Datasets
Contact Address:
Address Type: mailing and physical
Address: 2000 Noble Drive
City: Wooster
State or Province: OH
Postal Code: 44691
Country: US
Contact Voice Telephone: 330-263-6222
Contact Facsimile Telephone: 330-263-6294
Contact Electronic Mail Address: mthompson@tgstech.com
Hours: 8am - 5pm, Monday - Friday, Eastern Time

Metadata Standard Name: FGDC Content Standard for Digital Geospatial Metadata
Metadata Time Convention: local time