

# Hurricane\_Evacuation\_Routes

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## 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](mailto: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:** 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](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:**

**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:**

**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:**

**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:** LANECATEGR

**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\_LEN

**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:**

**Codeset Name:** 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

**Metadata 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](mailto:mthompson@tgstech.com)

**Hours:** 8am - 5pm, Monday - Friday, Eastern Time

**Metadata Standard Name:** FGDC Content Standard for Digital Geospatial Metadata

**Metadata Standard Version:** FGDC-STD-001-1998

**Metadata Time Convention:** local time