This Book is part of Volume VII of the *Statewide Regional Evacuation Study* (SRES) Program and one of six county books in the Southwest Florida Storm Tide Atlas Series. Book 1 covers Charlotte County; Book 2 covers Collier County; Book 3 covers Glades County; Book 4 covers Hendry County; Book 5 covers Lee County and Book 6 covers Sarasota County. The Atlas maps identify those areas subject to potential storm tide flooding from the five categories of hurricane on the Saffir Simpson Hurricane Wind Scale as determined by NOAA’s numerical storm surge model, SLOSH (updated 2009).

The Storm Tide Atlas, published in 2010, is the foundation of the hazards analysis for storm tide and a key component of the SRES. The Technical Data Report (Volume I) builds upon this analysis and includes the revised evacuation zones and population estimates, results of the evacuation behavioral data, shelter analysis and evacuation transportation analyses. The Study, which provides vital information to state and local emergency management, forms the basis for county evacuation plans. The final documents with summary information will be published and made available on the Internet (www.swfrpc.org) in June 2010.

The Atlas was produced by the Southwest Florida Regional Planning Council with funding by the Florida Legislature and the Federal Emergency Management Agency through the Florida Division of Emergency Management.

This Atlas was prepared and published by the Southwest Florida Regional Planning Council, 1926 Victoria Ave. Fort Myers, Fl 33901 (239) 338-2550

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Funding was authorized by the Florida Legislature through House Bill 7121, as a result of the 2004 and 2005 hurricane seasons. Provisions of this bill require the Division of Emergency Management to update all Regional Evacuation Studies in the State and inexorably tied the Evacuation Studies and Growth Management. As a result, this study addresses both Emergency Management and Growth Management data needs. Funds were also provided by the Federal Emergency Management Agency (FEMA) with all money administered through the Florida Division of Emergency Management (FDEM), 2555 Shumard Oak Blvd., Tallahassee, 32399. Web site: www.floridadisaster.org.

Local match was provided by the counties of Charlotte, Collier, Glades, Hendry, Lee and Sarasota.

The Council acknowledges and extends its appreciation to the following agencies and people for their cooperation and assistance in the development of this document:

**National Oceanic and Atmospheric Administration (NOAA/TPC-NHC)** for the SLOSH numerical storm surge model developed by the late Chester L. Jelesnianski, the development of the 2009 Ft Myers Basin under the management of Jamie Rhome, and for the storm tide computation and interpretation provided by the NOAA Storm Surge Modeling team. The National Weather Service, Tampa office for their coordination and support.

**Florida Division of Emergency Management**
David Halstead, Director
Sandy Meyer, Hurricane Program Manager
Richard Butgereit, GIS Manager

**Northeast Florida Regional Council**
Jeffrey Alexander, Project Manager

**Southwest Florida Regional Planning Council**
Ken Heatherington Executive Director
Daniel L. Trescott, Study Manager
Daniel Cobb, GIS Analyst

**Florida Emergency Preparedness Association**
For their support in this statewide effort

**County Emergency Management Agencies**
Wayne P. Sallade, Director of Charlotte County Emergency Management
Dan Summers, Director of Collier County Emergency Management
Angie Snow, Director of Glades County Emergency Management
Lupe Taylor, Director of Hendry County Emergency Management
John Wilson, Director or Lee County Emergency Management
Edward McCrane, Director of Sarasota County
Emergency Management
INTRODUCTION

A comprehensive emergency management program requires attention to four (4) key inter-related components: preparedness, response, recovery and mitigation. Preparing and avoiding or reducing potential loss of life and property damage - preparedness and mitigation - requires accurate and precise hazard and vulnerability analyses. These analyses are the foundation for evacuation and disaster response planning, as well as the development of local mitigation strategies designed to reduce the community's overall risk to disasters. This Atlas series provides information to state, county and local emergency management officials and planners for use in hurricane preparedness and coastal management in the Southwest Florida Region including Charlotte, Collier, Glades, Hendry, Lee, and Sarasota counties (Figure 1). It was part of a statewide effort to enhance our ability to respond to a hurricane threat, facilitate the evacuation of vulnerable residents to a point of relative safety and mitigate our vulnerability in the future. The Statewide Regional Evacuation Study Program provides a consistent, coordinated and improved approach to addressing the state and regional vulnerability to the hurricane threat.

The specific purpose of this Atlas is to provide maps which depict storm tide heights and the extent of stillwater, storm surge coastal flooding inundation from hurricanes of five different intensities in the Southwest Florida area. The Atlas was prepared by the Southwest Florida Regional Planning Council as part of the Statewide Regional Evacuation Study Program. The Study is a cooperative effort of the Florida Department of Community Affairs, Division of Emergency Management, the Florida Regional Planning Councils and the county emergency management agencies.

Figure 1 The Southwest Florida Region

THE SLOSH MODEL

The principal tool utilized in this study for analyzing the expected hazards from potential hurricanes affecting the study area is the Sea, Lake and Overland Surges from Hurricane (SLOSH) numerical storm surge prediction model. The SLOSH computerized model predicts the storm tide heights that result from hypothetical hurricanes with selected various combinations of pressure, size, forward speed, track and winds. Originally developed for use by the National Hurricane Center (NHC) as a tool to give geographically specific warnings of expected surge heights during the approach of hurricanes, the SLOSH model is utilized in regional studies for several key hazard and vulnerability analyses.
The SLOSH modeling system consists of the model source code and the model basin or grid. SLOSH model grids must be developed for each specific geographic coastal area individually incorporating the unique local bay and river configuration, water depths, bridges, roads and other physical features. In addition to open coastline heights, one of the most valuable outputs of the SLOSH model for evacuation planning is its predictions of surge heights over land into inland areas.

The first Southwest Florida SLOSH model basin was completed in 1979 and represented the first application of SLOSH storm surge dynamics to a major coastal area of the United States. The model was developed by the Techniques Development Lab of the National Oceanic and Atmospheric Administration (NOAA) under the direction of the late Dr. Chester P. Jelesnianski. In December 1990 the National Hurricane Center updated the SLOSH model for the Southwest basin. A major improvement to the model was the incorporation of wind speed degradation overland as the simulated storms moved inland. This duplicated the pressure "filling" and increases in the radii of maximum winds (RMW) as the hurricanes weaken after making landfall.

The newest generation of the SLOSH model basin incorporated in the 2010 Statewide Regional Evacuation Study reflects major improvements, including higher resolution basin data and grid configurations. Faster computer speeds allowed additional hypothetical storms to be run for creation of the MOMs\(^1\) or the maximum potential storm tide values for each category of storm.

**Hypothetical Storm Simulations**

Surge height depends strongly on the specifics of a given storm including, forward speed, angle of approach, intensity or maximum wind speed, storm size, storm shape, and landfall location. The SLOSH model was used to develop data for various combinations of hurricane strength, wind speed, and direction of movement. Storm strength was modeled using the central pressure (defined as the difference between the ambient sea level pressure and the minimum value in the storm’s center), the storm eye size and the radius of maximum winds using the five categories of hurricane intensity as depicted in the Saffir-Simpson Hurricane Wind Scale (see Table 1).

\(^1\) Maximum of MEOWs
Table 1  Saffir-Simpson Hurricane Wind Scale

<table>
<thead>
<tr>
<th>Category</th>
<th>Wind Speeds</th>
<th>Potential Damage</th>
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<tr>
<td>Category 1</td>
<td>(Sustained winds 74-95 mph)</td>
<td>Very dangerous winds will produce some damage</td>
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<tr>
<td>Category 2</td>
<td>(Sustained winds 96-110 mph)</td>
<td>Extremely dangerous winds will cause extensive damage</td>
</tr>
<tr>
<td>Category 3</td>
<td>(Sustained winds 111-130 mph)</td>
<td>Devastating damage will occur</td>
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<tr>
<td>Category 4</td>
<td>(Sustained winds 131-155 mph)</td>
<td>Catastrophic damage will occur</td>
</tr>
<tr>
<td>Category 5</td>
<td>(Sustained winds of 156 mph and above)</td>
<td>Catastrophic damage will occur</td>
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The modeling for each tropical storm/hurricane category was conducted using the mid-range pressure difference ($\Delta p$, millibars) for that category. The model also simulates the storm filling (weakening upon landfall) and radius of maximum winds (RMW) increase.

Ten storm track headings (WSW, W, WNW, NW, NNW, N, NNE, NE, E, ENE) were selected as being representative of storm behavior in the West Central Florida regions, based on observations by forecasters at the National Hurricane Center. And for each set of tracks in a specific direction storms were run at forward speeds of 5, 10, 15 and 25 mph. And, for each direction, at each speed, storms were run at two different sizes (20 statute mile radius of maximum winds and 35 statute miles radius of maximum winds.) Finally, each scenario was run at both mean tide and high tide. Both tide levels are now referenced to North American Vertical Datum of 1988 (NAVD88) as opposed to the National Geodetic Vertical Datum of 1929 (NGVD29) used in the previous study.

A total of 12,000 runs were made consisting of the different parameters shown in Table 2.
## Table 2  Southwest Florida Basin Hypothetical Storm Parameters

Directions, speeds, (Saffir/Simpson) intensities, number of tracks and the number of runs.

<table>
<thead>
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<th>Direction</th>
<th>Speeds (mph)</th>
<th>Size (Radius of Maximum winds)</th>
<th>Intensity</th>
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<td>Mean/High</td>
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<td>17</td>
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The Grid for the Southwest SLOSH Model

Figure 2 illustrates the area covered by the grid for the Southwest SLOSH Model. To determine the surge values the SLOSH model uses a bipolar elliptical grid as its unit of analysis with 105 arc lengths (1 < I > 105) and 99 radials (1 < J > 99). Use of the grid configuration allows for individual calculations per grid square which is beneficial in two ways: (1) provides increased resolution of the storm surge at the coastline and inside the harbors, bays and rivers, while decreasing the resolution in the deep water where detail is not as important; and (2) allows economy in computation.

The grid size for the Southwest model varies from approximately 0.001 square miles or 1.08 acres closest to the pole (I = 1) to the grids on the outer edges (Gulf of Mexico) where each grid is approximately 15.5 square miles.

Storm Scenario Determinations

As indicated, the SLOSH model is the basis for the "hazard analysis" portion of coastal hurricane evacuation plans. Thousands of hypothetical hurricanes are simulated with various Saffir-Simpson Wind categories, forward speeds, landfall directions, and landfall locations. An envelope of high water containing the maximum value a grid cell attains is generated at the end of each model run. These envelopes are combined by the NHC into various composites which depict the possible flooding. One useful composite is the MEOW (Maximum Envelope of Water) which incorporates all the envelopes for a particular category, speed, and landfall direction. Once surge heights have been determined for the appropriate grids, the maximum surge heights are plotted by storm track and tropical storm/hurricane category. These plots of maximum surge heights for a given storm category and track are referred to as Maximum Envelopes of Water (MEOWs). The MEOWs or Reference Hurricanes can be used in evacuation decision making when and if sufficient forecast information is available to project storm track or type of storm (different landfalling, paralleling, or exiting storms).

The MEOWs provide information to the emergency managers in evacuation decision making. However, in order to determine a scenario which may confront the county in a hurricane threat 24-48 hours before a storm is expected, a further compositing of the MEOWs into Maximums of the Maximums (MOMs) is usually required.
The MOM (Maximum of the MEOWs) combines all the MEOWs of a particular category. The MOMs represent the maximum surge expected to occur at any given location, regardless of the specific storm track/direction of the hurricane. The only variable is the intensity of the hurricane represented by category strength (Category 1-5).

The MOM surge heights, which were furnished by the National Hurricane Center, have 2 values, mean tide and high tide. Mean tide has 0’ tide correction. High tide has a 1’ tide correction added to it. The Storm Tide limits include the adjustment for mean high tide. All elevations are now referenced to the NAVD88 datum.

These surge heights were provided within the SLOSH grid system as illustrated on Figure 2. The range of maximum surge heights (low to high) for each scenario is provided for each category of storm (MOM) on Table 3. It should be noted again that these surge heights represent the maximum surge height recorded in the county from the storm tide analysis including inland and back bay areas where the surge can be magnified dependent upon storm parameters.

Table 3  Potential Storm Tide Height (s) by County
(In Feet above NAVD88)

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<th>Collier</th>
<th>Lee</th>
<th>Sarasota</th>
<th>Lake O 16ft</th>
<th>Lake O 20ft</th>
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<td>NA</td>
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<tr>
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<tr>
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<td>Up to 37.7</td>
<td>Up to 41.9</td>
<td>Up to 41.7</td>
<td>Up to 35.4</td>
<td>Up to 38.9</td>
<td>Up to 40</td>
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</tbody>
</table>

* Based on the category of storm on the Saffir-Simpson Hurricane Wind Scale
** Surge heights represent the maximum values from SLOSH MOMs
CREATION OF THE STORM TIDE ZONES

The maps in this atlas depict SLOSH-modeled heights of storm tide and extent of flood inundation for hurricanes of five different intensities. As indicate above, the storm tide was modeled using the Maximum of Maximums (MOMs) representing the potential flooding from the five categories of storm intensity of the Saffir/Simpson Hurricane Wind Scale.

Determining Storm tide Height and Flooding Depth

SLOSH and SLOSH-related products reference storm tide heights relative to the model vertical datum, NAVD88. In order to determine the inundation depth of surge flooding at a particular location the ground elevation (relative to NAVD88) at that location must be subtracted from the potential surge height.²

Surge elevation, or water height, is the output of the SLOSH model. At each SLOSH grid point, the maximum surge height is computed at that point.

Within the SLOSH model an average elevation is assumed within each grid square. Height of water above terrain was not calculated using the SLOSH average grid elevation because terrain height may vary significantly within a SLOSH grid square. For example, the altitude of a 1-mile grid square may be assigned a value of 1.8 meters (6 feet), but this value represents an average of land heights that may includes values ranging from 0.9 to 2.7 meters (3 to 9 feet). In this case, a surge value of 2.5 meters (8 feet) in this square would imply a 0.7 meters (2 feet) average depth of water over the grid’s terrain. However, in reality within the grid area portion of the grid would be “dry” and other parts could experience as much as 1.5 meters (5 feet) of inundation. Therefore, in order to determine the storm tide limits, the depth of surge flooding above terrain at a specific site in the grid square is the result of subtracting the terrain height determined by remote sensing from the model-generated storm tide height in that grid square.³

² It is important to note that one must use a consistent vertical datum when post-processing SLOSH storm surge values.

³ Note: This represents the regional post-processing procedure. When users view SLOSH output within the SLOSH Display Program, the system uses average grid cell height when subtracting land.
Storm Tide Post-Processing

The Atlas was created using a Toolset wrapped into ESRI’s ArcGIS mapping application, ArcMap. The surge tool was developed for the Statewide Regional Evacuation Study Program by the Tampa Bay Regional Planning Council, who had used a similar tool for the previous Evacuation Study Update (2006). This tool enabled all regions within the state of Florida to process the SLOSH and elevation data with a consistent methodology.

The tool basically performs the operation of translating the lower resolution SLOSH grid data into a smooth surface resembling actual storm tide and terrain; processing it with the high resolution elevation data derived from LIDAR. The image on the left represents how the data would look as it appears directly from SLOSH Model output.

Processing all the data in the raster realm, the tool is able to digest large amounts of data and output detailed representations of surge inundation.

The program first interpolates the SLOSH height values for each category into a raster surface using spline interpolation. This type of interpolation is best for smooth surfaces, such as water and slow changing terrain. The result is a raster surface representing the surge height for a category that can be processed against the raster Digital Elevation Model from the LIDAR. The “dry” values (represented as 99.9 in the SLOSH Model) are replaced by an average of the inundated grids surrounding current processed grid. An algorithm performs this action utilizing the range of values in the current category of storm being processed.

Using this methodology, once the elevation is subtracted from the projected storm tide, the storm tide limits are determined. The output of the tool is a merged polygon file holding all the maximum inundation zones for Tropical Storm through Category 5. The output, depicted in this Storm Tide Atlas is determined consistent with the coastal areas throughout the state. Figure 7 presents a compilation of the Storm Tide Atlas for the region.
Figure 7  Storm Surge for the Southwest Region
VARIATIONS TO CONSIDER

Variations between modeled versus actual measured storm tide elevations are typical of current technology in coastal storm surge modeling. In interpreting the data emergency planners should recognize the uncertainties characteristic of mathematical models and severe weather systems such as hurricanes. The storm tide elevations developed for this study and presented in the *Storm Tide Atlas* should be used as guideline information for planning purposes.

Storm Tide & Wave Height
Regarding interpretation of the data, it is important to understand that the configuration and depth (bathymetry) of the Gulf bottom will have a bearing on surge and wave heights. A narrow shelf, or one that drops steeply from the shoreline and subsequently produces deep water in close proximity to the shoreline, tends to produce a lower surge but a higher and more powerful wave. Those regions, like the Southwest Region, which have a gently sloping shelf and shallower normal water depths, can expect a higher surge but smaller waves. The reason this occurs is because a surge in deeper water can be dispersed down and out away from the hurricane. However, once that surge reaches a shallow gently sloping shelf it can no longer be dispersed away from the hurricane, consequently water piles up as it is driven ashore by the wind stresses of the hurricane. Wave height is NOT calculated by the SLOSH model and is not reflected within the storm tide delineations.

Forward Speed
Under actual storm conditions it may be expected that a hurricane moving at a slower speed could have higher coastal storm tides than those depicted from model results. At the same time, a fast moving hurricane would have less time to move storm surge water up river courses to more inland areas. For example, a minimal hurricane or a storm further off the coast such as Hurricane Elena (1985), which stalled 90 miles off the Tampa Bay coast for several tidal cycles, could cause extensive beach erosion and move large quantities of water into interior lowland areas. In the newest version of the Southwest SLOSH model, for each set of tracks in a specific direction, storms were run at forward speeds of 5, 10, 15 and 25 mph.

Radius of Maximum Winds
As indicated previously, the size of the storm or radius of maximum winds (RMW) can have a significant impact on storm surge especially in bay areas and along the Gulf of Mexico. All of the hypothetical storms were run at two different sizes, 20 mile radius of maximum winds and 35 mile radius of maximum winds.

Astronomical Tides
Surge heights were provided by NOAA for both mean tide and high tide. Both tide levels are referenced to North American Vertical Datum of 1988. The storm tide limits reflect high tide in the region.
Accuracy

As part of the Statewide Regional Evacuation Study, all coastal areas as well as areas surrounding Lake Okeechobee were mapped using remote-sensing laser terrains mapping (LIDAR⁴) providing the most comprehensive, accurate and precise topographic data for this analysis. As a general rule, the vertical accuracy of the laser mapping is within a 15 centimeter tolerance. However, it should be noted that the accuracy of these elevations is limited to the precision and tolerance in which the horizontal accuracy for any given point is recorded. Other factors such as artifact removal algorithms (that remove buildings and trees) can affect the recorded elevation in a particular location. For the purposes of this study, the horizontal accuracy cannot be assumed to be greater than that of a standard USGS 7 minute quadrangle map, or a scale of 1:24,000.

POINTS OF REFERENCE

County emergency management agency selected reference points which include key facilities or locations critical for emergency operations. The table below includes the map identification number, descriptions of the selected points and the elevation of the site. The elevation is based on the digital elevation data provided by the LIDAR. It should be noted that if the site is large, elevations may vary significantly. The table also provides the storm tide value from the SLOSH value and the depth of inundation (storm tide value minus the ground elevation) at the site.

⁴ Light Imaging Detection and Ranging
### Table 4 Selected Points of Reference

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<td>2.14</td>
<td>3.50</td>
<td>8.57</td>
<td>12.86</td>
<td>16.61</td>
<td>25.56</td>
</tr>
<tr>
<td>33</td>
<td>Lee Cypress</td>
<td>2</td>
<td>6.38</td>
<td>DRY</td>
<td>DRY</td>
<td>4.87</td>
<td>9.29</td>
<td>13.40</td>
<td>25.79</td>
</tr>
<tr>
<td>34</td>
<td>Ave Maria</td>
<td>4</td>
<td>21.02</td>
<td>DRY</td>
<td>DRY</td>
<td>DRY</td>
<td>DRY</td>
<td>0.83</td>
<td>19.72</td>
</tr>
</tbody>
</table>
STORM TIDE ATLAS

The surge inundation limits (MOM surge heights minus the ground elevations) are provided as GIS shape files and graphically displayed on maps in the Hurricane Storm Tide Atlas for the Southwest Florida Region. The Atlas was prepared by Southwest Florida Regional Planning Council under contract to the State of Florida, Division of Emergency Management, as part of this study effort. The maps prepared for the Atlas consist of base maps (1:24000) including topographic, hydrographic and highway files (updated using 2008 county and state highway data). Detailed shoreline and storm tide limits for each category of storm were determined using the region's geographic information system (GIS).

The purpose of the maps contained in this Atlas is to reflect a worst probable scenario of the hurricane storm tide inundation and to provide a basis for the hurricane evacuation zones and study analyses. While the storm tide delineations include the addition of an astronomical mean high tide and tidal anomaly, it should be noted that the data reflects only stillwater saltwater flooding. Local processes such as waves, rainfall and flooding from overflowing rivers, are usually included in observations of storm tide height, but are not surge and are not calculated by the SLOSH model. It is incumbent upon local emergency management officials and planners to estimate the degree and extent of freshwater flooding as well as to determine the magnitude of the waves that will accompany the surge.

Figure 8 provides an index of the map series.

NOTES ON STORM TIDE LIMITS

Historically, the SLOSH storm surge analysis had focused on “average” storm parameters (size and forward speed), although the intensity and angle of approach was modeled to include direct strikes and catastrophic intensity. In the 2010 Regional Evacuation Study Update, 12,000 hypothetical hurricanes were included in the SLOSH suite of storms modeled varying forward speeds and the radii of maximum winds to include the large storm events and different forward speeds. This allowed for the development of a truer picture of the storm surge vulnerability in the region. The five categories of hurricane reflect a “worst probable” storm tide limit for hurricanes holding the wind speed constant (consistent with the Saffir Simpson Hurricane Wind Scale) while varying storm parameters include size, forward speed, and angle of approach.

This has led to some confusion regarding evacuation decision-making since hurricane evacuations are based primarily on storm surge vulnerability. The National Oceanic and Atmospheric Administration (NOAA) is working to enhance the analysis and prediction of storm surge. Direct estimates of inundation are being communicated in the NHC’s Public Advisories and in the Weather Forecast Office’s (WFO) Hurricane Local Statements. NHC’s probabilistic storm surge product, which provides the likelihood of a specific range of storm surge values, became operational in 2009, and the NWS Meteorological Development Laboratory is providing experimental, probabilistic storm surge products for 2010. In addition, coastal weather forecast offices will provide experimental Tropical Cyclone Impacts Graphics in 2010; these include a qualitative graphic on the expected storm surge...
impacts. Finally, the NWS is exploring the possibility of issuing explicit Storm Surge Warnings which could be implemented in the next couple of years. In all of these efforts, the NWS is working to provide specific and quantitative information to support decision-making at the local level\(^1\). NOAA continues to emphasize that the hurricane forecasts are not 100% accurate and dependent upon many factors.

To the left are the storm tide limits identified for Collier County under the five (5) categories of hurricane on the Saffir Simpson Hurricane Wind Scale. It is important to recognize the following:

- The surge tide values represent the highest surge height elevation above a standard datum (NAVD88) predicted by the model in the entire county and will only be appropriate for selected areas.
- Typically the highest surge tide values are NOT the surge heights predicted at the coast. The highest storm tide values are typically experienced inside bays and up rivers and inlets (water above ground).
- Storm Tide ranges by category of storm are presented on Table 3 on page 16 of this document.
- For surge heights at specific locations, please refer to Table 4 on page 22 which provides the expected storm surge elevation at points of reference and the actual inundation (water depth) at that site.

\(^1\)http://www.nhc.noaa.gov/sshws_statement.shtml
Figure 8  Collier County Atlas Map Index
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

The Points of Reference are locations determined to be relevant to emergency management officials.

Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave setup.

Total Storm Tide limits were derived from Maximum of Maximum surge heights over USGS Bedrock digital elevation.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave setup.

2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over USGS Bedrock digital elevation.

3. The Points of Reference are locations determined to be relevant to emergency management officials.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Hurricane evacuation decision-making and growth management implementation are local responsibilities.

- **Points of Reference**
  - Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
  - Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.
  - The Points of Reference are locations determined to be relevant to emergency management offices.

**Legend**
- **Ref Point**
- **HOSPITAL**
- **City Limits**
- **Evac Route**
- **WATER**

**Notes**
- Storm Tide Zones
- Collier County, 2010
- Scale: 1:24,000
- USNG Page 17R MJ 64 50
- Map Plate 4
- Page 28

- Datum = NAD 1983, 1,000-m USNG
- Grid Zone Designation
- US National Grid 100,000-m Square ID
- 17R
- Grid Zone Designation
- Datum = NAD 1983, 1,000-m USNG

**Diagram**
- Monroe COUNTY
- Collier COUNTY
- Not to Scale
- Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Produced by Southwest Florida Regional Planning Council for Florida’s Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities. Relevant to emergency management officials.

1. Surge limits are based on still-water storm tide height elevation above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over NAVD88 based on still water storm tide height calculation.
3. The points of reference are locations determined to be relevant to emergency management officials.

Notes:
- Datum = NAD 1983, 1,000-m USNG
- US National Grid
- Grid Zone Designation 17R
- Mag. Declination Changing by 5' W per yr
- Date 2009
- 4
- Not to Scale
- 0
- 31'

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities. This map is for reference & planning purposes only.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height above LIDAR issued digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities. Management implementation are local responsibilities. Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management officials.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 or high tide with wave height.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR issues digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

 Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010.
Please consult with local authorities. Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be over LIDAR based digital elevation. Maximum surge heights derived from Maximum of still water storm tide height above NAVD88 high tide with no wave elevation above NAVD88 still water storm tide height.

Surge limits are based on still water storm tide height elevation above NAVD88 high tide with no wave elevation.

1. Storm Tide limits were derived from Maximum of Maximum surge heights over USGS laser digit elevation.

2. The Points of Reference are locations determined to be relevant to emergency management officials.

Notes:

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth management officials.

relevant to emergency management officials.

The Points of Reference are locations determined to be relevant to emergency management officials.

Surge limits are based on still-water storm tide heights above NAVD88 at high tide with no wave.

Maximum surge heights over LIDAR based digital elevation.

1. Surge limits are based on still-water storm tide heights above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

Mag. Declination Changing by 5' W per yr

Date 2009

Diagram produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009–2010

0 2,000

Legend

Ref Point
HOSPITAL
City Limits
Evac Route
WATER

Cat
TS
1
2
3
4
5

Scale - 1:24,000

Collier County, 2010

Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000

USNG Plate 17R NJ 08 50

Map Plate 15

Page 39

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

Maximum surge heights derived from May maximums of Maximum storm tide heights over NGVD29 based digital elevation.

The Points of Reference are locations determined to be relevant to emergency management officials.

Prodced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over NAVD88 above still water storm tide height.
3. The Points of Reference are locations determined to be relevant to emergency management efforts.

Legend:
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

US National Grid
Grid Zone Designation
17R

Collier COUNTY

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat
TS
1
2
3
4
5

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management 2009-2010
Please consult with local authorities.

Management implementation are local responsibilities.

This map is for reference & planning purposes only.

Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over USGS issued digital elevation
3. The Points of Reference are locations determined to be relevant to emergency management officials
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
Please consult with local authorities. Management implementation are local responsibilities. Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum Surge height over LIDAR measured digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management office use.

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000
0 2000
Foot
USNG Page 17R MJ 64 55
Map Plate 25
Page 45

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Datum = NAD 1983, 1,000-m USNG

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

The Points of Reference are locations determined to be still water storm tide height above NAVD88 at high tide with no wave elevation.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height over 124 ft mean tide level elevation.
3. The Points of Reference are locations determined to be relevant to emergency managers and officials.

Datum = NAD 1983, 1,000-m USNG

USNG Page 17R MJ 68 55
Map Plate 26
Page 46

Collier COUNTY

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

Legend
Ref Point
HOSPITAL
City Limits
Evac Route
WATER
Cat
1
2
3
4
5

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management officials.

Notes:
1. Surge limits are based on still water-storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

USNG Page 17R MJ 72 55
Map Plate 27
Page 47

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

Legend

Ref Point
HOSPITAL
Cat
1
2
3
4
5
City Limits
Evac Route
WATER

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

management implementation are local responsibilities.

Hurricane evacuation decision-making and growth

This map is for reference & planning purposes only.

2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR derived digital elevation.

3. The Points of Reference are locations determined to be relevant to emergency management officials.

Notes:

1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Hurricane evacuation decision-making and growth management implementation are local responsibilities.

Notes:
1. Surge limits are based on still-water storm tide height elevation above NAVD88 at high tide with no wave
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.
This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities. This map is for reference & planning purposes only. Maximums surge heights over LIDAR based digital elevation.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Datum = NAD 1983, 1,000-m USNG

USNG Page 17R MJ 92 55
Map Plate 32
Page 52

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R

This map is for reference & planning purposes only. Hurricane evacuation decision making and growth management implementation are local responsibilities. Please consult with local authorities.
Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management officials.

1. Surge limits are based on still water storm tide height elevation above NVD028 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height and LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over NAVD88 based on digitized data.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R

1:24,000 Scale - Not to Scale

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Collier COUNTY

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000
0 2000
USNG Page 17R NJ 08 55
Map Plate 36
Page 56

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

The Storm Tide Zones in Collier County, 2010, are based on Maximum surge heights derived from Maximum of Maximums surge heights over LIDAR based digital elevation.

Legend:
- **Ref Point**
- **HOSPITAL**
- **City Limits**
- **Evac Route**
- **WATER**

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency manager responsibilities.

Datum = NAD 1983, 1,000-m USNG

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
Please consult with local authorities. Management implementation are local responsibilities. Hurricane evacuation decision-making and growth locations determined to be over LIDAR based digital still water storm tide height of Maximums surge heights at high tide with no wave elevation above NAVD88 are derived from Maximum of Total Storm Tide limits were setup. 1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave. 2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation. 3. The Points of Reference are locations determined to be relevant to emergency management officials.

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management officials.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation
100,000-m Square ID
17R

US National Grid
100,000-m Square ID
MJ

Legend
Cat

- Ref Point
TS
HOSPITAL
1
City Limits
2
Evac Route
3
WATER
4

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000
0 2000 Feet
USNG Page 17R MJ 40 60
Map Plate 42
Page 60

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation
100,000-m Square ID
US National Grid

17R MJ 44 60
Collier County, 2010
Scale - 1:24,000

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management 2009-2010
Please consult with local authorities.
This map is for reference and planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

1. Surge limits are based on still water: storm tide height during high tide with no wave event 2. Total Storm Tide limits were derived from Maximum of Maximum storm surge heights over LIDAR and/or digital elevation 3. The Points of Reference are locations determined to be relevant to emergency management officials.

Legend

Cat
0
5
Ref Point

HOSPITAL

City Limits

Evac Route

WATER

Datum = NAD 1983, 1,000-m USNG

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

The map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be measures to emergency management agencies.
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Notes:
- Datum = NAD 1983, 1,000-m USNG
- Grid Zone Designation = 100,000-m Square ID
- Grid Zone Designation = 17R

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

Collier County, 2010
Scale: 1:24,000

Map Plate: 48
Page 66
 Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities. This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation

100,000-m Square ID

US National Grid

MJ

Collier COUNTY

Legend

Ref Point
HOSPITAL
City Limits
Evac Route
WATER

Storm Tide Zones
Collier County, 2010

Scale - 1:24,000

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Management implementation are local responsibilities.

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation

Grid Zone Setup.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

Collier COUNTY

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

Legend
- Ref Point Cat
- Hospital TS
- City Limits 1
- Evac Route 2
- Water 3
- Evac Route 3
- Water 4
- Water 5

USNG Page 17R MJ 88 60
Map Plate 54
Page 72
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation

Grid Zone ID

Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave

Maximum surge heights derived from Maximum of Maximum surge height over LIDAR based digital elevation.

Notes:

1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave
2. Total Storm Tide limits were derived from Maximum of Maximum surge height over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Collier COUNTY

Storm Tide Zones Collier County, 2010

Scale - 1:24,000

Legend

Ref Point HOSPITAL City Limits Evac Route WATER

Cat TS 1 2 3 4 5

USNG Page 17R MJ 92 60

Map Plate 55

Page 73

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management 2008-2010
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth.

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation

Grid Zone ID

Datum = NAD 1983, 1,000-m USNG

Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management efforts.
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height at high tide and dry land elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG
Grid Zone Designation
100,000-m Square ID
Datum = NAD 1983, 1,000-m USNG

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only.

Note:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height over LIDAR issued digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat
1
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3
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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

management are local responsibilities. Hurricane evacuation decision-making and growth locations determined to be still water storm tide height elevation above NAVD88 at high tide with no wave surge limits are based on Maximum surge height over LIDAR based digital elevation. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
Please consult with local authorities.

management implementation are local responsibilities.

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

Collier County, 2010
Scale - 1:24,000

Storm Tide Zones

Notes:
1. Surge limits are based on still water storm tide height
   elevation above NAVD88 at high tide with no wave
2. Total Storm Tide limits were derived from Maximum of
   Maximum storm surge heights & LIDAR derived digital
   elevation.
3. The Points of Reference are locations determined to be
   necessary to emergency management offices.

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management 2009-2010
Management implementation are local responsibilities. Hurricane evacuation decision-making and growth management implementation are local responsibilities.

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation 17R

Not to Scale

Diagram

Legend
- Ref Point
- City Limits
- Evac Route
- WATER

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over 100-year coastal elevation.
3. The Floods of Reference are locations determined to be reference to emergency management officials.

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

USNG Page 17R MJ 28 65
Map Plate 62
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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities. Management implementation are local responsibilities. Hurricane evacuation decision-making and growth locations determined to be elevation. Maximums surge heights over LIDAR based digital setup. Surge limits are based on high tide with no wave elevation above NAVD88. 1. Surge limits are based on Maximum surge heights over LIDAR based digital elevation. 2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation. 3. The Points of Reference are locations determined to be necessary for emergency response and public use.
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total storm tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be necessary to emergency management officials.

Datum = NAD 1983, 1,000-m USNG
US National Grid
100,000-m Square ID
Grid Zone Designation
MJ
17R
Grid Zone Page
1:24,000 Scale

Legend
Cat
Ref Point
HOSPITAL
City Limits
Evac Route
WATER

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management 2009-2010

Collier County, 2010
Scale: 1:24,000
USNG Page 17R MJ 36 65
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Not to Scale Diagram

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Storm Tide Zones
Collier County, 2010
Scale - 1:24,000
USNG Page 17R MJ 40 65
Map Plate 65
Page 83

Legend

Ref Point
CAT
HOSPITAL
Evac Route
City Limits
WATER

Notes:
1. Surge limits are based on still water surge height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height above LIDAR issued digital elevation.
3. The Points of Reference are locations determined to be necessary to emergency management staff use.

Datum = NAD 1983, 1,000-m USNG

This map is for reference & planning purposes only. Hurricane evacuation decision making and growth management implementation are local responsibilities. Please consult with local authorities.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

The Points of Reference are:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave elevation above NAVD88.
2. Total Storm Tide limits were derived from Maximum surge height over NAVD88 issue digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management efforts.

Datum = NAD 1983, 1,000-m USNG
Grid Zone Designation 17R
Grid Zone ID MJ
Datum = NAVD88

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

The map is for reference & planning purposes only.

1. Surge limits are based on still-water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only. Hurrican evacuation decision making and growth management implementation are local responsibilities. Please consult with local authorities.
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management officials.

1. Surge limits are based on still-water storm tide height elevation above NAVD 88 at high tide with no wave.

2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.

3. The Points of Reference are locations determined to be relevent to emergency management officials.

Notes:

Datum = NAD 1983, 1,000-m USNG

US National Grid

100,000-m Square ID

Mj

Grid Zone Designation

17R

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

Legend

Ref Point

HOSPITAL

City Limits

Evac Route

WATER

Cat

TS

1

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Collier County, 2010

USNG Page 17R Mj 60 65

Map Plate 70

Van S. Crofts

US National Grid

100,000-m Square ID

Mj

Grid Zone Designation

17R

Datum = NAD 1983, 1,000-m USNG

This map is for reference & planning purposes only. Hurricane evacuation decision making and growth management implementation are local responsibilities. Please consult with local authorities.
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Hurricane evacuation decision-making and growth management implementation are local responsibilities.

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Notes:
1. Surge limits are based on still-water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

The Points of Reference are locations determined to be over LIDAR based digital elevation. Maximum surge heights were derived from Maximum of still water storm tide height over LIDAR based digital elevation.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

US National Grid 100,000-m Square ID
MJ Grid Zone Designation 17R

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

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Please consult with local authorities.

management implementation are local responsibilities.

Hurricane evacuation decision-making and growth

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

US National Grid

Grid Zone Designation

17R

Collier County, 2010

Scale - 1:24,000

Storm Tide Zones

Collier County, 2010

Notes:
1. Surge limits are based on still-water storm tide height elevation above NAVD88 at high tide with no wave
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over Collier issued digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 or high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over NOAA issued digital elevation
3. The Points of Reference are locations determined to be relevant to emergency management efforts.
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.

2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.

3. The Points of Reference are locations determined to be relevant to emergency management offices.

Datum = NAD 1983, 1,000-m USNG

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities. Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management officials.

Notes:
1. Surge limits are based on still-water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total storm tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The points of reference are locations determined to be relevant to emergency management offices.

This map is for reference and planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth.

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Grid Zone Designation
100,000-m Square ID
MJ
Datum = NAD 1983, 1,000-m USNG

Notes:
1. Surge limits are based on still-water storm surge height
   elevation above NAVD88 at high tide with no wave
   elevation.
2. Total Storm Tide limits were derived from Maximum of
   Maximum surge heights over LIDAR based digital model.
3. The Points of Reference are locations determined to be
   relevant to emergency management efforts.

Legend

Ref Point
HOSPITAL
City Limits
Evac Route
WATER

Table:

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Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities. This map is for reference & planning purposes only.

Notes:
1. Surge limits are based on still water-storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Datum = NAD 1983, 1,000-m USNG
US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000
0 2000 Feet
Collier County, 2010
USNG Page 17R NJ 00 06
Map Plate 80
Page 98
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities. This map is for reference & planning purposes only.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be reachable by emergency management offices.
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities. This map is for reference & planning purposes only.

1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height over LIDAR measured digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Collier County, 2010

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Notes:
- Datum = NAD 1983, 1,000-m USNG
- Grid Zone Designation: 17R
- US National Grid 100,000-m Square ID
- Collier COUNTY
- Miami-Dade COUNTY
- Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

Legend:
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

Map Plate 17R NJ 12 65
Page 101
Please consult with local authorities.

management implementation are local responsibilities.

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over local terrain digital elevation.
3. The Points of Reference are based on points determined to be relevant by emergency management officials.

Datum

Ref Point

HOSPITAL

City Limits

Evac Route

WATER

Collier County, 2010

Scale - 1:24,000

USNG Page 17R MJ 24 70
Map Plate 84

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Please consult with local authorities.

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Legend
- Ref Point
- Storm Tide Zones
- Evac Route
- HOSPITAL
- CITY LIMITS
- WATER

Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave elevation.
2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.
3. The Floodplain reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

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Please consult with local authorities.

Hurricane evacuation decision making and growth management implementation are local responsibilities. This map is for reference & planning purposes only.

Surge limits are based on still-water storm tide height above NAVD88 at high tide with no wave elevation above NAVD88.

Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.

The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

Collier COUNTY, 2010

Legend

Cat

Ref Point

HOSPITAL

City Limits

Evac Route

WATER

Legend:

1 2 3 4 5

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Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management.

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Please consult with local authorities. Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth over LIDAR based digital elevation above NAVD88 at high tide with no wave elevation above NAVD88 still water storm tide height maximum surge heights over LIDAR based digital elevation.

Notes:
1. Surge limits are based on still water storm tide heights above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management efforts.

**Storm Tide Zones**
Collier County, 2010
Scale - 1:24,000

USNG Page: 17R MJ 40 70
Map Plate: 88
Page: 106

Legend
- **Ref Point**
- **HOSPITAL**
- **City Limits**
- **Evac Route**
- **WATER**

Cat
1 2 3 4 5

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Please consult with local authorities. Management implementation are local responsibilities. Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management. This map is for reference & planning purposes only. Maximum surge heights were derived from Maximum of Maximums surge heights over LIDAR-based digital elevation. The Points of Reference are locations determined to be relevant to emergency management offices.

**Storm Tide Zones**

**Collier County, 2010**

Scale: 1:24,000

USNG Page 17R MJ 44 70

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Notes:

1. Surge limits are based on still-water storm tide height above NAVD 88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximums storm tide heights over LIDAR-based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation: 17R

US National Grid
100,000-m Square ID MJ

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation

US National Grid
100,000-m Square ID
MJ

Legend

Notes:
1. Surge limits are based on still water surge height elevation above NAVD88 at high tide with no wave
2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation
3. The points of reference are locations determined to be relevant to emergency management officials.

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

Collier County, 2010
Scale - 1:24,000

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation

US National Grid
100,000-m Square ID
MJ

Legend

Notes:
1. Surge limits are based on still water surge height elevation above NAVD88 at high tide with no wave
2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation
3. The points of reference are locations determined to be relevant to emergency management officials.

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

Collier County, 2010
Scale - 1:24,000

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation

US National Grid
100,000-m Square ID
MJ

Legend

Notes:
1. Surge limits are based on still water surge height elevation above NAVD88 at high tide with no wave
2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation
3. The points of reference are locations determined to be relevant to emergency management officials.
This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

**Storm Tide Zones Collier County, 2010**

Scale: 1:24,000

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Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based elevation.
3. The Points of Reference are locations determined to be necessary to emergency management offices.
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management officials.

Notes:
1. Surge limits are based on old wake storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum of Maximum storm tide height above NAVD88 elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

Legend
- Ref Point
- Hospital
- City Limits
- Evac Route
- Water

Cat
1
2
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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities. 

Management implementation are local responsibilities. Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management. 

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave height. 
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR issues digital elevation. 
3. The Points of Reference are locations determined to be relevant to emergency management offices. 

Datum = NAD 1983, 1,000-m USNG 

US National Grid 
100,000-m Square ID 
Mj 
Grid Zone Designation 17R 

This map is for reference & planning purposes only. Hurricane evacuation decision making and growth management implementation are local responsibilities. Please consult with local authorities.
Please consult with local authorities.
management implementation are local responsibilities.
Hurricane evacuation decision-making and growth
This map is for reference & planning purposes only.
Datum = NAD 1983, 1,000-m USNG
US National Grid
100,000-m Square ID
Mj
Grid Zone Designation
17R
Collier COUNTY
USNG Page 17R MJ 64 70
Map Plate 94
Page 112
Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over DOH issued digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Legend

Cat
0 2 4
Ref Point
HOSPITAL
City Limits
Evac Route
WATER

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management officials.

Surge limits are based on still-water storm tide height elevation above NAVD88 or high tide with wave.

Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR derived digital elevation.

The Points of Reference are locations determined to be relevant to emergency management officials.

Notes:
1. Surge limits are based on still-water storm tide height elevation above NAVD88 or high tide with wave.
2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR derived digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.
This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD 88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010.
Please consult with local authorities.

management implementation are local responsibilities.

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Legend:
- Cat
  - 1
  - 2
  - 3
  - 4
  - 5

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digitized elevation.
3. The Points of Reference are locations determined to be critical to emergency management office use.

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Datum = NAD 1983, 1,000-m USNG
US National Grid
Grid Zone Designation
17R

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
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Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management officials.

Notes:
1. Surge limits are based on all water storm tide height elevation above NAVD88 or high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Datum = NAD 1983, 1,000-m USNG

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Collier COUNTY

Legend
- Ref Point
- Hospital
- City Limits
- Evac Route
- Water

Storm Tide Zones
Collier County, 2010
Scale: 1:24,000

USNG Page 17R NJ 04 70
Map Plate 104
Page 122
Please consult with local authorities. Management implementation are local responsibilities. Hurricane evacuation decision-making and growth locations determined to be elevation. Maximum surge heights derived from Maximum of still water storm tide height setup. Total Storm Tide limits were at high tide with no wave elevation above NAVD88. 1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave. 2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation. The Points of Reference are locations determined to be relevent to emergency management officials.
Please consult with local authorities. Management implementation are local responsibilities. Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management. Maximum surge height over NAVD88 at high tide with no wave elevation above NAVD88. Total Storm Tide limits were derived from Maximum of Maximum surge height over NAVD88 and digital elevation. Not to Scale.

<table>
<thead>
<tr>
<th>Legend</th>
<th>Cat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ref Point</td>
<td></td>
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<tr>
<td>HOSPITAL</td>
<td></td>
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<tr>
<td>City Limits</td>
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<tr>
<td>Evac Route</td>
<td></td>
</tr>
<tr>
<td>WATER</td>
<td></td>
</tr>
</tbody>
</table>

**Storm Tide Zones**

Collier County, 2010

Scale - 1:24,000

USNG Page 17R MJ 20 75

Map Plate 107

Page 125

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only.

1. Surge limits are based on still water storm tide height elevation above NAVD 88 at high tide with no wave elevation.
2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over U.S. Army Corps of Engineers topographic data.
3. The Points of Reference are locations determined to be relevant to emergency management needs.

**Legend**
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER
- Cat
  - TS
  - 1
  - 2
  - 3
  - 4
  - 5

**Storm Tide Zones**
Collier County, 2010
Scale - 1:24,000
USNG Page 17R MJ 24 75
Map Plate 108
Page 126

Datum = NAD 1983, 1,000-m USNG
Grid Zone Designation 17R

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

Storm Tide Zones
Collier County, 2010
Scale - 1:2,400,000

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave set-up.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height over City issued digital elevation.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
17R
Grid Zone Designation

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Notes:
1. Surge limits are based on old 1-wave storm tide height
   elevation above NAVD88 at high tide with no wave
2. Total Storm Tide limit were derived from Maximum of
   Maximum surge heights
   over LIDAR based digital
   elevation.
3. The Points of Reference are locations determined to be
   relevant to emergency management
  官员s.

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Please consult with local authorities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide heights above NAVD38 at high tide with no wave effect.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR issued digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000
0 2000 Feet
0 2000 Meters

Not to Scale

Map Plate 111
Page 129

Collier COUNTY
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation

100,000-m Square ID

800831m.E

Not to Scale

Legend

Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2000

USNG Page 17R MJ 44 75
Map Plate 113
Page 131

Notes:
1. Storm Surge limits are based on still water - storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.
Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Notes:
1. Surge limits are based on high surge storm tide height elevation above NAVD 88 at high tide with no wave energy.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height (up to 7 ft) plus tide or local structure elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG

This map is for reference & planning purposes only. Hurricane evacuation decision making and growth management implementation are local responsibilities. Please consult with local authorities.

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Please consult with local authorities.

management implementation are local responsibilities.

Hurricane evacuation decision-making and growth

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Collier County, 2010
Scale - 1:24,000

Notes:
1. Surge limits are based on still water storm tide heights.
2. Total Storm Tide limits were derived from Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Legend
Cat
1 HOSPITAL
2 City Limits
3 Evac Route
4 WATER
5

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

Page 133
Please consult with local authorities.

Management implementation is local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management officials.

2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over NAVD88 issues digital elevation.

3. The Points of Reference are locations determined to be relevant to emergency management offices.

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation 17R

Collier County, 2010

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management.

The Points of Reference are:

1. Surge limits are based on still water storm surge heights above NAVD88 at high tide with no wave elevation above NAVD88.

2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.

3. The Points of Reference are locations determined to be relevant to emergency management officials.

Notes:

- Storm Tide Zones

Collier County, 2010

Scale: 1:24,000

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Collier COUNTY

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID

Mj

Grid Zone Designation
17R

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.
Note:
1. Surge limits are based on Still water storm tide height above NAVD88 at high tide with no wave elevation.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Legend:
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Datum = NAD 1983, 1,000-m USNG
US National Grid
Grid Zone Designation
100,000-m Square ID
Collier County, 2010
Scale: 1:24,000
USNG Page 17R MJ 72 75
Map Plate 120
Page 138

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 or high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Datum = NAD 1983, 1,000-m USNG

USNG Page 17R MJ 76 75
Map Plate 121
Page 139

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Collier COUNTY

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management office actions.

Datum = NAD 1983, 1,000-m USNG US National Grid

Grid Zone Designation 17R

This map is for reference & planning purposes only. Hurricane evacuation decision making and growth management implementation are local responsibilities. Please consult with local authorities.
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height and not actual surge. The actual height above NAVD88 at high tide with no wave over LIDAR based digital elevation.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Legend:
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Storm Tide Zones
Collier County, 2010

Scale: 1:24,000

USNG Page: 17R MJ 88 75
Map Plate: 124
Page: 142

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
This map is for reference & planning purposes only. 
HURRICANE EVACUATION DECISION-MAKING AND GROWTH MANAGEMENT IMPLEMENTATION ARE LOCAL RESPONSIBILITIES.

Notes:
1. Surge limits are based on still-water storm tide height in feet above NAVD 88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights and Local Elevation.
3. The points of reference are locations determined to be relevant to emergency management offices.
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over NAVD88 and digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management efforts.

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Storm Tide Zones
Collier County, 2010
Scale: 1:24,000

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Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD38 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights from LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG
US National Grid
100,000-m Square ID
Grid Zone Designation
17R
1:24,000 Scale
Not to Scale
Diagram
Legend
- Evac Route
- City Limits
- WATER
- HOSPITAL
- Ref Point
Cat
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5
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This map is for reference & planning purposes only. Hurricane evacuation decision making and growth management implementation are local responsibilities. Please consult with local authorities.
Please consult with local authorities. Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management officials.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR derived digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

US National Grid 100,000-m Square ID
NJ
Grid Zone Designation 17R

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Please consult with local authorities.

management implementation are local responsibilities.

Hurricane evacuation decision-making and growth

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation

100,000-m Square ID

US National Grid

Mj

Grid Zone Designation

17R

Collier County, 2010

Storm Tide Zones

Scale - 1:24,000

Evac Route

HOSPITAL

City Limits

Ref Point

Legend

Cat

1

2

3

4

5

WATER

TS

Notes:

1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave

2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital

elevation.

3. The Points of Reference are locations determined to be relevant to emergency management officials.

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This map is for reference & planning purposes only. Hurricane evacuation decision making and growth management implementation are local responsibilities. Please consult with local authorities.
Please consult with local authorities. Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Datum = NAD 1983, 1,000-m USNG

Maximums surge heights derived from Maximum of Maximums surge heights over LIDAR based digital elevation.

Surge limits are based on still water storm tide height above NAVD 88 at high tide with 6 foot wave.

Changing by 5' W per yr

Legend

Cat
HOSPITAL
City Limits
Evac Route
WATER
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave elevation.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be necessary to emergency management offices.

Notes:

Datum = NAD 1983, 1,000-m USNG

#Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

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Please consult with local authorities.

management implementation are local responsibilities.

This map is for reference & planning purposes only.

Notes:
1. Surge limits are based on 50-year storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Florida Office of Emergency Management determined these limits.

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Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only.

Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.

Total Surge limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.

The Points of Reference are locations determined to be relevant to emergency management officials.

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

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Please consult with local authorities.

...management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm surge height above NAVD88 at high tide with no wave elevation.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digitized elevation.
3. The Points of Reference are locations determined to be relevant to emergency management efforts.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
Mj
Grid Zone Designation
17R

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Please consult with local authorities. 

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be necessary to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

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Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

Notes:
1. Surge limits are based on still-water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total storm tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be navigable emergency management offices.

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Collier County, 2010
Scale: 1:24,000

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities. Relevant to emergency management, officials.

Surge limits are based on still water storm tide height above NAVD88 and high tide with no wave elevation. Maximum storm tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation
100,000-m Square ID
866448m.E 17R MJ 64 80

Grid Zone Designation
40 31'W

Mag. Declination Changing by
GN 5' W per yr

Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave elevation.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation. The Points of Reference are locations determined to be relevant to emergency management officials.

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Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

Notes:
1. Surge limits are based on still water surge height elevation above NAVD 88 at high tide with no wave effects.
2. Maximum surge limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be necessary to emergency management offices.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
Mj
Grid Zone Designation
17R

Collier COUNTY

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

Legend
Ref Point
HOSPITAL
City Limits
Evac Route
WATER

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

management implementation are local responsibilities.

Hurricane evacuation decision-making and growth

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Collier COUNTY

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

USNG Page 17R MJ 72 80
Map Plate 144
Page 162

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

management implementation are local responsibilities.

Hurricane evacuation decision-making and growth

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
Mj
Grid Zone Designation
17R

Collier COUNTY

Notes:
1. Surge limits are based on still water surge height above NAVD88 at high tide with no wave
elevation.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital
elevation.
3. The Points of Reference are locations determined to be necessary by emergency management

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Collier County, 2010
Scale - 1:24,000
USNG Page 17R MJ 76 80
Map Plate 145
Page 163

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management officials.

Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave over LIDAR based digital elevation.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave over LIDAR based digital elevation.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over local airport digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation
100,000-m Square ID
Mj

Collier County, 2010
Map Plate 146
Page 164

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total storm tide limits were derived from Maximum of Maximum surge heights over LiDAR and digital elevation.
3. The points of reference are locations determined to be relevant to emergency management and officials.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

This map is for reference & planning purposes only. Hurricane evacuation decision making and growth management implementation are local responsibilities. Please consult with local authorities.
Please consult with local authorities.

management implementation are local responsibilities.

Hurricane evacuation decision-making and growth

This map is for reference & planning purposes only.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation
3. The Points of Reference are locations determined to be necessary to emergency management effort.
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum storm surge height over LIDAR issued digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only. Hurricane evacuation decision making and growth management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD 88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over USGS issued digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management efforts.

Datum = NAD 1983, 1,000-m USNG

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

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This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
Please consult with local authorities.

management implementation are local responsibilities.

Hurricane evacuation decision-making and growth

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

USNG Page 17R NJ 04 80
Map Plate 152
Page 170
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only.

Surge limits are based on still water surge height above NAVD88 at high tide with no wave elevation.

Total Storm Tide limits were derived from Maximum of Maximum surge heights over Local Beaches digital elevation.

The Points of Reference are locations determined to be relevant to emergency management offices.

Notes:

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation
100,000-m Square ID
NJ
12

Legend

Ref Point
City Limits
Evac Route
HOSPITAL
WATER

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Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

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Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities. This map is for reference & planning purposes only.

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

<table>
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<td>TS</td>
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</table>

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD 88 at high tide with no wave.
2. Total Storm Tide limits were derived from the use of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency response and safety.
Please consult with local authorities. Management implementation are local responsibilities. Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management officials.

1. Surge limits are based on still-water storm tide height elevation above NAVD 88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LiDAR based digital elevation.
3. The Points of Reference are locations determined to be reachable by emergency management officials.
Please consult with local authorities.

Datum = NAD 1983, 1,000-m USNG

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LiDAR based digital elevation
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.

Notes:
1. Surge limits are based on still water storm surge height elevation above NAVD88 at high tide with no wave.
2. Maximum surge heights over LIDAR based digital elevation.
3. Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

Notes:
1. Surge limits are based on still-water storm tide height above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height over NAVD88 above digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Datum = NAD 1983, 1,000-m USNG

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities. Locations determined to be over LIDAR based digital elevation above NAVD88 at high tide with no wave elevation above NAVD88 still water storm tide height maximum surge heights derived from Maximum of surge heights over LIDAR based digital elevation.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth planning are reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation

US National Grid 100,000-m Square ID

Notes:
1. Surge limits are based on still-water storm tide height derived above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum storm surge height over USNG based higher elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Florida office reference stations determined to be nearest to emergency management offices.

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000
0 – 2,000 Feet
USNG Page 17R MJ 48 85
Map Plate 163
Page 181

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities. Management implementation are local responsibilities. Hurricane evacuation decision-making and growth management implementation are local responsibilities. This map is for reference & planning purposes only. Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010.
Please consult with local authorities.

The Points of Reference are locations determined to be relevant to emergency management implementation and are local responsibilities. Please consult with local authorities.

Legend

Cat
TS 1
HOSPITAL 2
City Limits 3
Evac Route 4
WATER 5

Notes:
1. Surge limits are based on still water storm tide height at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over NAVD88 local digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
Mj 17R

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
This map is for reference & planning purposes only.
Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Storm Tide Zones
Collier County, 2010

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over NAVD88 based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Scale: 1:24,000

Daturn = NAD 1983, 1,000-m USNG

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities. 

The map is for reference & planning purposes only. Hurricane evacuation decision making and growth management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management officials.

Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height over NAVD88 based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

Changing by 5' W per yr

US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

USNG Page 17R MJ 76 85
Map Plate 170
Page 188

Legend
Ref Point
HOSPITAL
City Limits
Evac Route
WATER

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height over NAVD88 based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Collier COUNTY

Storm Tide Zones
Collier County, 2010

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no-wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over NAVD88 based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG
US National Grid
100,000-m Square ID
Grid Zone Designation
USNG Page 17R MJ 80 85
Map Plate 171
Page 189

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation
100,000-m Square ID
MJ 17R

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities. Relevant to emergency management officials.

1. Surge limits are based on still water storm tide height above NAVD 88 at high tide with no wave elevation above NAVD88.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over USGS issued digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Notes:
- Datum = NAD 1983, 1,000-m USNG
- US National Grid
- 100,000-m Square ID MJ
- Grid Zone Designation 17R
- Datum = NAVD 88
- Map Plate 175
- USNG Page 17R MJ 96 85
- Scale - 1:24,000

Legend:
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

Storm Tide Zones
Collier County, 2010

Collier COUNTY

71°5'0"N 74°0'0"W 77° 81°0'0"W 81°10'0"W 81°20'0"W
74° 77° 81° 81°0'0"W 81°10'0"W 81°20'0"W
53° 49° 46° 43° 53° 49° 46° 43°
Collier COUNTY

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limit is derived from Maximum of Maximum surge height over NAVD88 based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Datum = NAVD 1988, 1,000-m USNG

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Changing by 5' W per yr

Datum = NAD 1983, 1,000-m USNG

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Storm Tide Zones
Collier County, 2010
Scale: 1:24,000

Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over NAVD88 issued digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be over LIDAR based digital elevation.

Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave elevation.

Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.

The Points of Reference are locations determined to be relevant to emergency management officials.

Notes:

Datum = NAD 1983, 1,000-m USNG

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

 Hurricanes evacuation decision making and growth management implementation are local responsibilities.

Notes:
1. Surge limits are based on still-water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over NAVD88; highest digit elevation.
3. The Points of Reference are locations determined to be reachable by emergency management officials.
Please consult with local authorities.
Please consult with local authorities. Management implementation are local responsibilities.

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

Legend
\[ \text{Ref Point} \quad \text{City Limits} \quad \text{Evac Route} \quad \text{WATER} \]

Notes:
1. Surge limits are based on still-water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be reachable by emergency management officials.
Please consult with local authorities.

Hurricane evacuation decision-making and growth
locations determined to be relevant to emergency man-
agement implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over USGS issued digital
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Legend
Ref Point
HOSPITAL
City Limits
Evac Route
WATER

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities. Management implementation are local responsibilities. This map is for reference & planning purposes only. Datum = NAD 1983, 1,000-m USNG. US National Grid 100,000-m Square ID MJ Grid Zone Designation 17R. This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

**Storm Tide Zones**

**Collier County, 2010**

Scale = 1:24,000

USNG Page 17R MJ 36 90 Map Plate 185 Page 203

Legend

- Ref Point
- HOSPITAL
- Cat
- City Limits
- Evac Route
- WATER

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

Datum = NAD 1983, 1,000-m USNG

Collier County, 2010

Scale - 1:24,000

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Storm Tide Zones
Collier County, 2010

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum or Maximum surge height over NAVD88 based on still water points of reference.
3. Peak still water storm tide heights were determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management 2009-2010
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management implementation are local responsibilities. Please consult with local authorities.

Surge limits are based on still water storm tide height elevation above NAVD-88 at high tide with no wave.

Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.

1. Surge limits are based on still water storm tide height elevation above NAVD-88 at high tide with no wave. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.

Notes:

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation

Collier County, 2010

Legend

Ref Point
HOSPITAL
City Limits
Evac Route
WATER

Collier COUNTY

Storm Tide Zones

Collier County, 2010

Scale: 1:24,000

USNG Page 17R MJ 44 90
Map Plate 187
Page 205

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth management officials.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD 88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height over LIDAR derived digits elevation.
3. The Points of reference are locations determined to be relevant to emergency management officials.

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD 88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height over LIDAR derived digits elevation.
3. The Points of reference are locations determined to be relevant to emergency management officials.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Collier COUNTY

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over NAVD88 seawall elevation.
3. The Points of Reference are locations determined to be relevant to emergency management efforts.

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management officials.

Notes:

1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave elevation.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height over NAVD88 assorted digitized elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation: 17R

US National Grid
100,000-m Square ID MJ

Collier County, 2010
Scale: 1:24,000

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

NOT TO SCALE

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD 88 at high tide with zero wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
MJ
Grid Zone Designation 17R

Collier County, 2010
Scale 1:24,000

Legend

- Ref Point
- HOSPITAL
- Evac Route
- WATER

Evac Route
WATER
HOSPITAL

Collier COUNTY

1:24,000 Scale -
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only.

Surge limits are based on still water storm tide height elevation above NAVD 88 at high tide with no wave elevation.

1. Surge limits are based on still water storm tide height elevation above NAVD 88 at high tide with no wave elevation.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR measured digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities. This map is for reference & planning purposes only. Total Storm Tide limits were derived from Maximum of Maximum surge heights over USGS base digital elevation.

Notes:
1. Surge limits are based on still water storm tide height and elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over USGS base digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Collier County, 2010
Scale - 1:24,000
USNG Page 17R MJ 80 90
Map Plate 196
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Legend
- Ref Point
HOSPITAL
City Limits
Evac Route
WATER
Cat
TS
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2
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4
5

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities. Management implementation is local responsibility.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management officials.

Surge limits are based on elevation. Total Storm Tide limits were setup. Maximum surge heights derived from Maximum of still water storm tide height over LIDAR based digital elevation above NAVD88.

Surge limits are based on:

1. Storm Tide Zones
2. Total Storm Tide limits were setup.
3. The Points of Reference are still water storm tide height

Datum = NAD 1983, 1,000-m USNG

US National Grid

Grid Zone Designation
100,000-m Square ID

Changing by 5' W per yr 40 31'W

Mag. Declination

Date 2009

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

Legend

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<td>HOSPITAL</td>
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<tr>
<td>2</td>
<td>City Limits</td>
</tr>
<tr>
<td>3</td>
<td>Evac Route</td>
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<tr>
<td>4</td>
<td>WATER</td>
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<tr>
<td>5</td>
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Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits are derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Floods of Reference are locations determined to be relevant to emergency management efforts.

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be necessary to emergency management office use.

Datum = NAD 1983, 1,000-m USNG
US National Grid
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000
0 - 2000
USNG Page 17R MJ 96 90
Map Plate 200
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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management officials.

Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.

Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.

The Points of Reference are locations determined to be relevant to emergency management officials.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR derived digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation
100,000-m Square ID
17R

US National Grid
100,000-m Square ID
NJ

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Legend
• Ref Point
| Cat |
- 1 2 3 4 5

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

0 2000 Foot

USNG Page 17R NJ 08 90
Map Plate 203
Page 221

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Hurricane evacuation decision-making and growth

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation

100,000-m Square ID

US National Grid

MJ

Collier County, 2010

Storm Tide Zones

Scale - 1:24,000

USNG Page 17R MJ 24 95

Map Plate 207

Page 225

Legend

Ref Point

HOSPITAL

City Limits

Evac Route

WATER

Notes:
1. Surge limits are based on all wave storm tide height, elevation above NAVD 88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management 2009-2010
Please consult with local authorities.

The management implementation are local responsibilities.

Hurricane evacuation decision-making and growth

Changing by

Notes:

1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave

2. Total storm tide limits were derived from Maximums surge heights over local tide gauge elevation.

3. The Points of Reference are locations determined to be necessary to emergency management offices.

Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2000

USNG Page 17R M 28 95

Map Plate 208

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2004-2010

This map is for reference & planning purposes only. Hurricane evacuation decision making and growth management implementation are local responsibilities. Please consult with local authorities.
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

Notes:
1. Surge limits are based on still water storm tide height
   elevation above NAVD88 at high tide with no wave
2. Total Storm Tide limits were derived from Maximum of
   Maximum storm surge height over LIDAR based digital
elevation.
3. The Proviso area reference are locations determined to be
   relevant to emergency management offices.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
**Storm Tide Zones**

Collier County, 2010

**Legend**
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

**Notes:**
1. Surge limits are based on still water storm tide height; elevation above NAVD 88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum Surge Heights and NAVD 88 based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management personnel.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
management implementation are local responsibilities. Hurric
This map is for reference & planning purposes only. Hurricane evacuation decision making and growth management implementation are local responsibilities. Please consult with local authorities.
1. Surge limits are based on still water storm tide height above NAVD 88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be necessary to emergency management efforts.

Notes:
- Datum = NAD 1983, 1,000-m USNG
- Grid Zone Designation: 17R
- 1:24,000 Scale
- Collier County, 2010

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only. Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010.
Storm Tide Zones
Collier County, 2010

Scale: 1:24,000

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height over NAVD88 based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Datum = NAD 1983, 1,000-m USNG
Grid Zone Designation 17R
Collier County, 2010
USNG Page 17R MJ 60 95
Map Plate 216
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This map is for reference and planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only. Hurricane evacuation decision making and growth management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave elevation.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Datum = NAD 1983, 1,000-m USNG

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Hurricane evacuation decision-making and growth management implementation are local responsibilities. The Points of Reference are:

1. Surge limits are based on still water surge heights over NAVD 88 at high tide with no wave elevation above NAVD 88.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Notes:
- Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010.
- Storm Tide Zones, Collier County, 2010.
- Scale: 1:24,000.
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation
17R

US National Grid
100,000-m Square ID
MJ

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management implementation are local responsibilities. Please consult with local authorities.

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management efforts.
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.

2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.

3. The Points of Reference are locations determined to be relevant to emergency management officials.

Note: Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010.
Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still-water storm tide height relative to NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with 4.5 foot wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over NAVD88 based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management efforts.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Collier COUNTY

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000
0 2000
Foot

Legend
Ref Point
HOSPITAL
City Limits
Evac Route
WATER

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Hurricane evacuation decision-making and growth management implementation are local responsibilities.

1. Surge limits are based on still-water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management efforts.

Please consult with local authorities.

Datum = NAD 1983, 1,000-m USNG

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

This map is for reference & planning purposes only. Hurricane evacuation decision making and growth management implementation are local responsibilities. Please consult with local authorities.
Hurricane evacuation decision-making and growth

This map is for reference & planning purposes only.

1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency manage¬ment officials.

Legend

Ref Point  CAT
HOSPITAL  1
City Limits  2
Evac Route  3
WATER  4

Storm Tide Zones
Collier County, 2010
Scale 1:24,000

USNG Page 17R MK 2000
Map Plate 231
Page 247

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities. The management implementation are local responsibilities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD 88 at high tide with no wave elevation above NAVD 88.
2. Total Storm Tide limits were derived from Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Hurricane evacuation decision-making and growth management implementation are local responsibilities. This map is for reference & planning purposes only.

Production by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

Storm Tide Zones
Collier County, 2010

Legend

- Ref Point
- City Limits
- Evac Route
- WATER

Cat

- 1
- 2
- 3
- 4
- 5

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD 88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of reference are locations determined to be necessary to emergency management offices.
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management officials.

The Points of Reference are still water storm tide height derived from Maximum of Maximum surge heights over LIDAR based digital elevation.

Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation
17R

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management implementation are local responsibilities. Please consult with local authorities.
This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

**Notes:**
1. Surge limits are based on still water storm tide height elevation above NAVD 88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum of maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be necessary to emergency response and official use.

**Legend:**
- **Ref Point**
- **HOSPITAL**
- **Evac Route**
- **City Limits**
- **WATER**

**Storm Tide Zones**
Collier County, 2010
Scale - 1:24,000
USNG Page 17R MK 44 00
Map Plate 237
Page 253

Datum = NAD 1983, 1,000-m USNG

Digital Map Plate 237

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Please consult with local authorities.

management implementation are local responsibilities.

Hurricane evacuation decision-making and growth

This map is for reference & planning purposes only.

Grid Zone Designation

17R

Datum = NAD 1983, 1,000-m USNG

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

Legend

Cat

Ref Point

HOSPITAL

City Limits

Evac Route

0

2000

Foot

USNG Page 17R MK 48 00

Map Plate 238

Page 254
Please consult with local authorities. Management implementation are local responsibilities.

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Legend:
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER
- Cat

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

Notes:
1. Surge limits are based on still-water storm surge height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management office use.

Datum = NAD 1983, 1,000-m USNG

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Management implementation are local responsibilities.

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation 17R

US National Grid 100,000-m Square ID MK

Collier County, 2010
Storm Tide Zones
USNG Page 17R MK 60 00
Map Plate 241
Page 257

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management off-site use.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only. Hurricane evacuation decision making and growth management implementation are local responsibilities. Please consult with local authorities.

Legend:
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave elevation.
2. Total Storm Tide limits were derived from Maximum of Maximum storm surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management and/or official use.

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation 17R

US National Grid 100,000-m Square ID MK

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

Storm Tide Zones Collier County, 2010

Scale - 1:24,000

0 2000 Feet

USNG Page 17R MK 64 00

Map Plate 242

Page 258
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only.

1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be necessary to emergency management officials.

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Collier COUNTY

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision making and growth locations determined to be relevant to emergency management officials.

Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave elevation.

Total Storm Tide limits were derived from Maximums of Maximums surge heights over LIDAR based digital elevation.

The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

Date 2009
5' W per yr

Changing by
40 31'W

Big Cypress National Preserve

Notes:

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

Legend

Ref Point
HOSPITAL
City Limits
Evac Route
WATER

Scale - 1:24,000

Foot
0
2000

USNG Page 17R MK 72 00
Map Plate 244
Page 260

Storm Tide Zones
Collier County, 2010

Collier COUNTY

Hendry COUNTY

Diagram

Not to Scale
Please consult with local authorities. Management implementation are local responsibilities. Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management officials. The Points of Reference are elevation. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation. The Points of Reference are locations determined to be relevant to hurricane emergency management officials.
Please consult with local authorities.

This map is for reference & planning purposes only. Management implementation are local responsibilities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over 1.67 ft NAVD88 elevation
3. The Flood of Reference are locations determined to be relevant to emergency managers & public officials.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
This map is for reference & planning purposes only. 

Not to Scale

Datum = NAD 1983, 1,000-m USNG

Datum = NAD 1983, 1,000-m USNG

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

USNG Page 17R MK 20 05, Map Plate 255

Storm Tide Zones

Collier County, 2010

Scale: 1:24,000

Notes:
1. Surge limits are based on still water surge heights above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from maximum surge heights over local tide gauge data.
3. The Points of Reference are locations determined to be relevant to emergency management activities.
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave energy.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR-based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Legend:
- Ref Point
- Evac Route
- City Limits
- HOSPITAL

Storm Tide Zones
Collier County, 2010
Scale: 1:24,000

USNG Page 17R MK 28 05
Map Plate 257
Page 265

Datum = NAD 1983, 1,000-m USNG

This map is for reference & planning purposes only. Hurricane evacuation decision making and growth management implementation are local responsibilities. Please consult with local authorities.
Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave elevation.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR baseline digital elevation.
3. The Points of Reference are locations determined to be necessary to emergency management officials.

US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000
0 to 2000 Feet

Legend
Ref Point
HOSPITAL
TS
City Limits
Evac Route
Cat
Water
1
2
3
4
5

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2004-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only. Datum = NAD 1983, 1,000-m USNG.

Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over NOAA issued digital elevation.
3. The Points of Reference are locations determined to be relevant by emergency management officials.

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**Storm Tide Zones**

Collier County, 2010

Scale - 1:24,000

USNG Page 17R MK 40 05

Map Plate 260

Page 268

**Legend**

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

**Cat**

- TS 1
- 2
- 3
- 4
- 5

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Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only. 

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation

100,000-m Square ID

17R

Notes:

1. Surge limits are based on still water storm surge height elevation above NAVD88 at high tide with no wave elevation.
2. Total Storm Tide limits were derived from Maximum of Maximum still water storm tide height over LiDAR based digital elevation.
3. Points of Reference are locations determined to be reachable by emergency management offices.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation

100,000-m Square ID

US National Grid

Collier County, 2010

Scale - 1:24,000

Legend

Ref Point

HOSPITAL

Cat

City Limits

Evac Route

WATER

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with 3-ft wave
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR derived digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management and which offices.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD 88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over 100-year record high tide elevation.
3. The Points of Reference are locations determined to be relevant to emergency management efforts.

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Product by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation
100,000-m Square ID
MK
17R
17R MK 52 05
USNG Page
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave action.
2. Total Storm Tide limits were derived from Maximum of Maximum surge height over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be necessary to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

1:24,000 Scale

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

Note:
- Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave action.
- Total Storm Tide limits were derived from Maximum of Maximum surge height over LIDAR based digital elevation.
- The Points of Reference are locations determined to be necessary to emergency management officials.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only.

1. Surge limits are based on still water storm tide height above NAVD 88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID MK
Grid Zone Designation 17R

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

Collier County, 2010
Commissioned by Collier County, 2010

Map Plate 265
Page 273
Please consult with local authorities. Management implementation are local responsibilities. Hurricane evacuation decision-making and growth locations determined to be over LIDAR based digital elevation above NAVD88 still water storm tide height.

1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total storm tide limits were derived from Maximum of Maximum of surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management efforts.

Legend:
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Notes:
- Datum = NAD 1983, 1,000-m USNG
- Grid Zone Designation 17R
- US National Grid 100,000-m Square ID MK
- Collier County, 2010 Storm Tide Zones
- Scale: 1:24,000
- USNG Page 17R MK 64 05
- Map Plate 266
- Page 274

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

 management implementation are local responsibilities.

This map is for reference & planning purposes only.

 datum = NAD 1983, 1,000-m USNG

 Storm Tide Zones
 Collier County, 2010
 Scale - 1:24,000

 Notes:
 1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave
 2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital
 3. The Points of Reference are locations determined to be relevant to emergency management officials.

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

Notes:
1. Storm tide limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave action.
2. Maximum storm tide limits were derived from Maximum of Maximum storm surge heights over LIDAR/USGS digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management and/or public safety.
Please consult with local authorities. Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency managers.

Surge limits are based on old wake storm tide height elevation above NAVD88 at high tide with no wave elevation above NAVD88. Total Storm Tide limits were derived from Maximum of Maximum surge heights over a period of twenty days. The Points of Reference are locations determined to be relevant to emergency managers.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010.
Please consult with local authorities.

management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management officials.

Not to Scale

Datum = NAD 1983, 1,000-m USNG

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Legend

Storm Tide Zones
Collier County, 2010

Scale - 1:24,000

USNG Page 17R MK 24 10
Map Plate 272
Page 280

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth management officials.

The Points of Reference are locations determined to be relevant to emergency management and growth management implementation.

Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.

Total Storm Tide limits were derived from Maximum of Maximum storm tide height over LIDAR based digital elevation.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum storm tide height over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management and growth management officials.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

Collier County, 2010
Scale - 1:24,000

Legend
- Ref Point
- Hospital
- City Limits
- Evac Route
- Water

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

management implementation are local responsibilities.

Hurricane evacuation decision-making and growth

This map is for reference & planning purposes only.

Notes:
1. Surge limits are based on still-water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR-based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

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Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management officials.

1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave 2. Total Storm Tide limits were derived from Maximum of Maximum of Maximum surge heights over LIDAR based digital elevation.

3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

This map is for reference & planning purposes only. Hurricane evacuation decision making and growth management implementation are local responsibilities. Please consult with local authorities.
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth management officials.

Notes:
1. Surge limits are based on still-water storm surge height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum storm surge heights over USGS derived digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management efforts.

Datum = NAD 1983, 1,000-m USNG

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
This map is for reference & planning purposes only. Hurricane evacuation decision making and growth management implementation are local responsibilities. Please consult with local authorities.
Please consult with local authorities. Management implementation are local responsibilities. Hurricane evacuation decision-making and growth locations determined to be over LIDAR based digital elevation. Maximum surge heights derived from Maximum of Maximums surge heights over LIDAR based digital elevation. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Zones
Collier County, 2010
Scale: 1:24,000
USNG Page 17R MK 56 10
Map Plate 280
Page 288

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Storm Tide Zones
Collier County, 2010
Scale - 1:24,000
Legend
- Ref Point
- City Limits
USNG Page 17R MK 60 10
Map Plate 281
Page 289

Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave.
2. Total Storm Surge limits are derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG
Grid Zone Designation 17R

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

This map is for reference & planning purposes only. Hurricane evacuation decision making and growth management implementation are local responsibilities. Please consult with local authorities.
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management implementation are local responsibilities. Please consult with local authorities.

Surge limits are based on still water storm tide height elevation above NAVD 88 at high tide with no wave.

Note:
1. Surge limits are based on still water storm tide height elevation above NAVD 88 at high tide with no wave.

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Datum = NAD 1983, 1,000-m USNG

Grid Zone Designation

100,000-m Square ID

US National Grid

MK

17R

Grid Zone Designation

17R

Datum = NAD 1983, 1,000-m USNG

Collier COUNTY

Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0  2,000

Foot

USNG Page 17R MK 64 10

Map Plate 282

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Legend

Ref Point

HOSPITAL

City Limits

Evac Route

WATER

Cat

1

3

4

5

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2004-2010
Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management efforts.

Legend:
- Ref Point
- City Limits
- Evac Route
- HOSPITAL

Collier COUNTY

Datum = NAD 1983, 1,000-m USNG

Pringle Ln

Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave

Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.

The Points of Reference are locations determined to be relevant to emergency management efforts.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities. Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management officials.

1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

 Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

Maximum surge heights derived from Maximum of Maximums storm surge heights over LIDAR based digital elevation.

1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave

2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.

3. The Points of Reference are locations determined to be relevant to emergency management officials.
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be over LIDAR based digital elevation above NAVD88 at high tide with no wave.

Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.

Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.

The Points of Reference are locations determined to be relevant to emergency management officials.

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID MK
Grid Zone Designation 17R

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

Ref Point HOSPITAL City Limits Evac Route WATER
TS 1 2 3 4 5

USNG Page 17R MK 44 15
Map Plate 288
Page 296

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Maximum surge limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.
Please consult with local authorities.

 Hurrican evacuation decision-making and growth management implementation are local responsibilities. Relevant to emergency management officials.

1. Surge limits are based on still water storm tide height elevation above NAVD 88 at high tide with no wave.

2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over NAVD 88 based on highest elevation.

3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

Notes:

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities. Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management officials.

1. Surge limits are based on still water storm tide height and elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights and NAVD88 levels.
3. The Points of Reference are flood determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

Notes:
- Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Storm Tide Zones
Collier County, 2010

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat
1
2
3
4
5

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum storm surge height over USGS derived digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management efforts.

Datum = NAD 1983, 1,000-m USNG

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010

This map is for reference & planning purposes only. Hurricane evacuation decision making and growth management implementation are local responsibilities. Please consult with local authorities.
This map is for reference and planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD 88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over USG 88 based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management offices.

Storm Tide Zones
Collier County, 2010
Scale: 1:24,000

Legend
- Ref Point
- Hospital
- City Limits
- Evac Route
- Water

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities on hurricane evacuation decision-making and growth management implementation.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD 88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. Points of Reference are locations determined to be relevant to emergency management efforts.

Legend:
- Ref Point
- Cat
- City Limits
- Evac Route
- WATER

Datum = NAD 1983, 1,000-m USNG

This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

This map is for reference & planning purposes only.

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management needs.

Collier County, 2010
Scale - 1:24,000

Legend
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Management implementation are local responsibilities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities. This map is for reference & planning purposes only.

Grid Zone Designation

Datum = NAD 1983, 1,000 m USGS

Collier COUNTY

Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

Legend

Ref Point
HOSPITAL
City Limits
Evac Route
WATER

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD 88 at low tide with no wave
2. Total Surge limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation
3. The Points of Reference are locations determined to be necessary for emergency management offices.

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

management implementation are local responsibilities.

Hurricane evacuation decision-making and growth

This map is for reference & planning purposes only.

Notes:
1. Surge limits are based on still-water storm tide heights above NAVD88 at high tide with no wave
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over NAVD88 based on echelle elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Legend
- Ref Point
- Hospital
- City Limits
- Evac Route
- WATER

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010
Please consult with local authorities.

Management implementation are local responsibilities.

This map is for reference & planning purposes only.

Datum = NAD 1983, 1,000-m USNG

US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

Collier County, 2010
Scale - 1:24,000

Legend

Storm Tide Zones
Collier County, 2010

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation
3. The Points of Reference are locations determined to be relevant to emergency management officials
This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000
USNG Page 17R MK 48 25
Map Plate 309
Page 312

Legend:
- Ref Point
- City Limits
- Evac Route
- WATER

Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

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Please consult with local authorities.

Hurricane evacuation decision-making and growth management implementation are local responsibilities.

Datum = NAD 1983, 1,000-m USNG

100,000-m Square ID

Notes:
1. Surge limits are based on still-water storm tide height elevation above NAVD88 at high tide with no wave.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.
Please consult with local authorities. Management implementation are local responsibilities. Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management implementation are local responsibilities. Please consult with local authorities.
Please consult with local authorities. Management implementation are local responsibilities. Hurricane evacuation decision-making and growth locations determined to be relevant to emergency management officials. The Points of Reference are locations derived from Maximum of Maximum surge heights over LIDAR based digital elevation. The Points of Reference are locations determined to be relevant to emergency management officials. Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave over LIDAR based digital elevation.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Zones
Collier County, 2010
Scale - 1:24,000

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Produced by Southwest Florida Regional Planning Council for Florida Division of Emergency Management, 2009-2010