This Book is part of Volume 9 of the **Statewide Regional Evacuation Study Program** (SRESP), and one of three county books in the *South Florida Depth Analysis Atlas* series. Book 1 covers Broward County; Book 2 covers Miami-Dade County; and Book 3 covers Monroe County. The Atlas maps identify those areas subject to potential surge flooding from the five categories of hurricane on the Saffir-Simpson Hurricane Wind Scale, as determined by the National Oceanic and Atmospheric Administration (NOAA) numerical storm surge model, Sea, Lake and Overland Surges from Hurricanes (SLOSH), updated in 2009.

The *Storm Tide Atlas* (Volume 7-11) and the *Depth Analysis Atlas* together form the foundation of the hazards analysis from surge and represent key components of the SRESP. The *Technical Data Report* (Volume 1-11) 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 are available on the Internet at [www.sfrpc.com/sresp.htm](http://www.sfrpc.com/sresp.htm).

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Book 3C – Credits and Acknowledgements
Depth Analysis Atlas – Monroe County
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A. Introduction

A comprehensive emergency management program requires attention to four 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 South Florida Region, including Broward, Miami-Dade and Monroe Counties (Figure 1). It is 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 that depict storm surge flood depth from hurricanes of five different intensities in the South Florida area. The Atlas was prepared by the South Florida Regional Planning Council as part of the Statewide Regional Evacuation Study Program. The Study is a cooperative effort of the Florida Department of Economic Opportunity, the Florida Division of Emergency Management, the Florida Regional Planning Councils and the county emergency management agencies.

B. 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 Hurricanes (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 Tampa Bay SLOSH model basin completed in 1979 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. 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 grid configuration also provided more detail and additional information.

The newest generation of the SLOSH model basin incorporated in the 2010 Statewide Regional Evacuation Study Program 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.

1. **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).

<table>
<thead>
<tr>
<th>Category</th>
<th>Wind Speeds</th>
<th>Potential Damage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category 1</td>
<td>Sustained winds 74-95 mph</td>
<td>Very dangerous winds will produce some damage</td>
</tr>
<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>
</tr>
<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>
</tr>
</tbody>
</table>

\(^1\) Maximum of MEOWs or Maximum of Maximums
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 (E, ENE, NE, NNE, N, NNW, NW, WNW, W, and WSW) were selected as being representative of storm behavior in the South Florida region, 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, 15 and 25 mph. And, for each direction, at each speed, storms were run at two different sizes (30 statute miles radius of maximum winds and 45 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 previous studies.

A total of 13,620 runs were made, consisting of the different parameters shown in Table 2.

**Table 2 Florida Bay Basin Hypothetical Storm Parameters**

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

<table>
<thead>
<tr>
<th>Direction</th>
<th>Speeds (mph)</th>
<th>Size (Radius of Maximum Winds)</th>
<th>Intensity</th>
<th>Tides</th>
<th>Tracks</th>
<th>Runs</th>
</tr>
</thead>
<tbody>
<tr>
<td>E</td>
<td>5, 15, 25 mph</td>
<td>30 statute miles, 45 statute miles</td>
<td>1 through 5</td>
<td>Mean/High</td>
<td>21</td>
<td>1,260</td>
</tr>
<tr>
<td>ENE</td>
<td>5, 15, 25 mph</td>
<td>30 statute miles, 45 statute miles</td>
<td>1 through 5</td>
<td>Mean/High</td>
<td>21</td>
<td>1,260</td>
</tr>
<tr>
<td>NE</td>
<td>5, 15, 25 mph</td>
<td>30 statute miles, 45 statute miles</td>
<td>1 through 5</td>
<td>Mean/High</td>
<td>24</td>
<td>1,440</td>
</tr>
<tr>
<td>NNE</td>
<td>5, 15, 25 mph</td>
<td>30 statute miles, 45 statute miles</td>
<td>1 through 5</td>
<td>Mean/High</td>
<td>27</td>
<td>1,620</td>
</tr>
<tr>
<td>N</td>
<td>5, 15, 25 mph</td>
<td>30 statute miles, 45 statute miles</td>
<td>1 through 5</td>
<td>Mean/High</td>
<td>28</td>
<td>1,680</td>
</tr>
<tr>
<td>NNW</td>
<td>5, 15, 25 mph</td>
<td>30 statute miles, 45 statute miles</td>
<td>1 through 5</td>
<td>Mean/High</td>
<td>24</td>
<td>1,440</td>
</tr>
<tr>
<td>NW</td>
<td>5, 15, 25 mph</td>
<td>30 statute miles, 45 statute miles</td>
<td>1 through 5</td>
<td>Mean/High</td>
<td>22</td>
<td>1,320</td>
</tr>
<tr>
<td>WNW</td>
<td>5, 15, 25 mph</td>
<td>30 statute miles, 45 statute miles</td>
<td>1 through 5</td>
<td>Mean/High</td>
<td>21</td>
<td>1,260</td>
</tr>
<tr>
<td>W</td>
<td>5, 15, 25 mph</td>
<td>30 statute miles, 45 statute miles</td>
<td>1 through 5</td>
<td>Mean/High</td>
<td>21</td>
<td>1,260</td>
</tr>
<tr>
<td>WSW</td>
<td>5, 15, 25 mph</td>
<td>30 statute miles, 45 statute miles</td>
<td>1 through 5</td>
<td>Mean/High</td>
<td>18</td>
<td>1,080</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>13,620</strong></td>
</tr>
</tbody>
</table>
2. The Grid for the Florida Bay SLOSH Model

Figure 2 illustrates the area covered by the grid for the Florida Bay SLOSH Model. To determine the surge values the SLOSH model uses a telescoping elliptical grid as its unit of analysis with 124 arc lengths (1 < I < 124) and 189 radials (1 < J < 189). Use of the grid configuration allows for individual calculations per grid square, which is beneficial in two ways: (1) it 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) it allows economy in computation.

The grid size for the Florida Bay Model varies from approximately 0.03 square mile or 19 acres closest to the pole (i = 1) to the grids on the outer edges where each grid is approximately 2.85 square miles.

3. 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 Envelopes 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) in 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>
<thead>
<tr>
<th>*Storm Strength</th>
<th>Broward</th>
<th>Miami-Dade</th>
<th>Monroe</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category 1</td>
<td>Up to 3.1’</td>
<td>Up to 5.0’</td>
<td>Up to 7.9’</td>
</tr>
<tr>
<td>Category 2</td>
<td>Up to 4.7’</td>
<td>Up to 8.2’</td>
<td>Up to 12.2’</td>
</tr>
<tr>
<td>Category 3</td>
<td>Up to 6.2’</td>
<td>Up to 11.4’</td>
<td>Up to 16.4’</td>
</tr>
<tr>
<td>Category 4</td>
<td>Up to 8.3’</td>
<td>Up to 14.2’</td>
<td>Up to 20.0’</td>
</tr>
<tr>
<td>Category 5</td>
<td>Up to 9.5’</td>
<td>Up to 16.5’</td>
<td>Up to 23.3’</td>
</tr>
</tbody>
</table>

* Based on the category of storm on the Saffir-Simpson Hurricane Wind Scale
** Surge heights represent the maximum values from SLOSH MOMs.
C. Creation of the Surge Depth Zones

The maps in this atlas depict SLOSH-modeled surge depth and extent of flood inundation for hurricanes of five different intensities. As indicate above, the surge depth 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.

1. 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 include 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.
2. 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, which 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.

![Figure 5 SLOSH Display](image)

Figure 5 SLOSH Display

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 the 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 Category 1 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 6 SLOSH Display Post-Processing](image)

Figure 6 SLOSH Display Post-Processing
Figure 7: Storm Tide Limits for the South Florida Region
Florida Bay Basin

Legend
Surge Zones
CAT
1
2
3
4
5

Miles
0 2.5 5 10 15 20 25 30 35

MONROE
MIAMI DADE
D. 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 surge depths developed for this study and presented in the *Depth Analysis Atlas* should be used as guideline information for planning purposes.

1. Storm Tide and Wave Height

Regarding interpretation of the data, it is important to understand that the configuration and depth (bathymetry) of the Ocean or 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 that 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 surge depth delineations.

2. 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 SLOSH model, for each set of tracks in a specific direction, storms were run at forward speeds of 5, 15 and 25 mph.

3. 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 nautical mile radius of maximum winds and 35 nautical mile radius of maximum winds.
4. 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 surge depths reflect high tide in the region.

5. 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 terrain 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 7.5-minute quadrangle map, or a scale of 1:24,000.

E. Points of Reference

County emergency management agencies 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 - Monroe County

<table>
<thead>
<tr>
<th>Marker ID #</th>
<th>Elevation</th>
<th>C1 DEPTH&lt;sup&gt;5&lt;/sup&gt;</th>
<th>C2 DEPTH</th>
<th>C3 DEPTH</th>
<th>C4 DEPTH</th>
<th>C5 DEPTH</th>
<th>C1 SURGE&lt;sup&gt;6&lt;/sup&gt;</th>
<th>C2 SURGE</th>
<th>C3 SURGE</th>
<th>C4 SURGE</th>
<th>C5 SURGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>10.059</td>
<td>0.000</td>
<td>0.000</td>
<td>0.000</td>
<td>0.000</td>
<td>2.519</td>
<td>5.203</td>
<td>7.402</td>
<td>8.337</td>
<td>10.043</td>
<td></td>
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<td>7.989</td>
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<td>3.393</td>
<td>0.000</td>
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<td>4.584</td>
<td>6.827</td>
<td>8.370</td>
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<td>7.977</td>
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<sup>5</sup> DEPTH refers to the depth of inundation at the site (storm surge value minus the ground elevation)

<sup>6</sup> SURGE refers to the storm surge value from the SLOSH Model
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Volume 9-11 South Florida

Statewide Regional Evacuation Studies Program

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DEPTH

C3
DEPTH

C4
DEPTH

C5
DEPTH

C1 SURGE6

C2 SURGE

C3 SURGE

C4 SURGE

C5 SURGE

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10.033
8.513
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13.350
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13.357
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14.915
14.184

Depth Analysis Atlas – Monroe County

Book 3C - Page 13


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</tr>
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</table>
F. Depth Analysis Atlas

The surge depth ranges (MOM surge heights minus the ground elevations) are provided as GIS shape files and graphically displayed on maps in the hurricane Depth Analysis Atlas for the South Florida Region. The Atlas was prepared by the South 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 surge depth ranges 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 surge depth ranges 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 for Monroe County. Please note that, for each category of storm, only the map sheets where surge is present were included in the Atlas. Therefore, the number of plates included in the Atlas varies with the storm category, depending on the extent of surge associated with the category of storm.
G. Notes on Surge Depth Ranges

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 for the Florida Bay Basin, 13,620 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” surge extent for hurricanes, holding the wind speed constant (consistent with the Saffir-Simpson Hurricane Wind Scale) while varying storm parameters including 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 National Weather Service (NWS) Meteorological Development Laboratory provided experimental, probabilistic storm surge products for 2010. In addition, coastal weather forecast offices provided 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. NOAA continues to emphasize that the hurricane forecasts are not 100% accurate and dependent upon many factors.

To the left are the Surge Depth ranges identified for Monroe County under the five (5) categories of hurricane on the Saffir-Simpson Hurricane Wind Scale. It is important to recognize the following:

- The surge depth values are based on 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 depth values are NOT the surge depths predicted at the coast. The highest surge depth values are typically experienced inside bays and up rivers and inlets (water above ground).
- Surge depth ranges by category of storm are presented in Table 3 on page 5 of this document.
- For surge heights at specific locations, please refer to Table 4 on page 11, which provides the expected storm surge depth at points of reference with the actual inundation (water depth) at that site.

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7 [www.nhc.noaa.gov/sshws_statement.shtml](http://www.nhc.noaa.gov/sshws_statement.shtml)
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This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Mooreville surge heights over LIDAR-based digital elevation data.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

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

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

CATEGORY 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Map Plate 18
Scale 1:24,000

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012

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This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Monmouth surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.
Storm Tide Depth
Monroe, 2012

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

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

Category 3 Gridcode
Dry
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

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

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012

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

Printed Pages in Yellow
1:24,000 Scale
Page 24 of 367
This map is for emergency 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 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe County still water storm tide height over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3 GRID CODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 25
Page 25 of 367
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

**ATLAS LEGEND**
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

**Storm Tide Depth**
Monroe, 2012

**Map Plate 26**

Page 26 of 367
CATALOGUE

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

Datum = NAD 1983, 1.000-m UNG

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 storm surge heights
   over LIDAR based digital
   elevation.
3. The Points of Reference are locations determined to be
   relevant to emergency management officials.

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

CATEGORY 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000

Map Plate 28
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Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
[Icon]
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

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

Datum = NAD 1983, 1,000-m USBGS

Printed Pages in Yellow
1:24,000 Scale

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Monroe, 2012
Map Plate 31

Storm Tide Depth
Monroe, 2012
Scale 1:24,000

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Monroe, 2012
Map Plate 32
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of
   Monroe surge heights over LIDAR based digital
   elevation.
3. The Points of Reference are locations determined to be
   relevant to emergency management officials.

ATLAS LEGEND

- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3

GRIDCODE

Dry

- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

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

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Moore's 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

1:24,000 Scale

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation model (DEM).
3. The Points of Reference are locations determined to be relevant to emergency management officials.

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

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 35
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Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
This map is for emergency 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 relative to mean lower low water NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monmouth 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 emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Maconrue surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

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

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

CATEGORY 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Map Plate 38
Page 38 of 367
This map is for emergency 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 at high tide with no wave setup.
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.

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

ATLAs LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

CATEGORY 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 39
Page 39 of 367
Note:
1. Surge limits are based on still water storm tide height with respect to NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.
4. Datum = NAD 1983, 1,000-m USNG

ATLAS LEGEND
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3
GRIDCODE
- Dry
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 40
Page 40 of 367

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 setup.
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.

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 41
Page 41 of 367
ATLAS LEGEND

- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

---

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 Measured surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

---

CATEGORY 3

GRIDCODE

Dry

- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

---

Storm Tide Depth

Monroe, 2012

Scale 1:24,000

Map Plate 42

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Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

US National Grid
100,000-m Square ID
MH
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m U.S.N.G.

Notes:
1. Surge limits are based on still water storm tide height above NAVD 88 at high tide with no wave setup.
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 the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012

Storm Tide Depth
Monroe, 2012
Scale 1:24,000

Map Plate 45
Page 45 of 367
Notes:
1. Surge limits are based on still water storm tide heights at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

**ATLAS LEGEND**
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

**STORM TIDE DEPTH**
Monroe, 2012
Scale 1:24,000

Map Plate 47
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This map is for emergency planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
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Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

Storm Tide Depth
Monroe, 2012
Scale 1:24,000

Map Plate 50
Page 50 of 367
This map is for emergency 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 shown above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe 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
MH
Grid Zone Designation
17R

ATLAS LEGEND

HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

SCALE: 1:24,000
Map Plate 52
Page 52 of 367

 Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe County surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGOR 3 GRIDCODE
- Dry: 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

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

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012

Map Plate 53
Page 53 of 367
This map is for emergency 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 are above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 54
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Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Monsoon surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

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

ATLAS LEGEND
Hospital
Points of Reference
Evacuation Route
City Limits
NHD Lakes

CATEGORY 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 56
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Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLANTIC LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

GRID CODE
CATEGORY 3
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 40 ft

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

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012

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Map Plate 57
Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Printed Pages in Yellow
1:24,000 Scale
Notes:
1. Surge limits are based on still water storm tide height relative to NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe County surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
Notes:
1. Surge limits are based on still water storm tide height at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Measured surge height over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.
This map is for emergency planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Moorehouse surge heights over LIDAR based 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 at high tide with no wave setup. 
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 Depth
Monroe, 2012
Scale 1:24,000
Map Plate 73
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This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximums surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital elevation model.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORICAL GRIDCODE

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<thead>
<tr>
<th>Category</th>
<th>Gridcode</th>
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<tbody>
<tr>
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</tr>
<tr>
<td>0.5 - 1.5 ft</td>
<td>0.5 - 1.5 ft</td>
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<td>1.5 - 3 ft</td>
<td>1.5 - 3 ft</td>
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<td>20 - 42 ft</td>
<td>20 - 42 ft</td>
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</table>

Datum = NAD 1983, 1,000-m U.S. National Grid

Map Plate 75

Printed Pages in Yellow

Scale: 1:24,000

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012

storm Tide Depth
Monroe, 2012

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This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Measured 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 emergency 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 at high tide with no wave setup.
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.

Map Plate 78

Storm Tide Depth
Monroe, 2012

Scale 1:24,000

Printed Pages in Yellow

1:24,000 Scale
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Monroe 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
MH
Grid Zone Designation 17R

Monroe, 2012

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
Notes:
1. Storm Tides 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 Monroe 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 emergency 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 setup.
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.

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

GRIDCODE
- CATEGORY 3:
  - Dry
  - 0 - 0.5 ft
  - 0.5 - 1.5 ft
  - 1.5 - 3 ft
  - 3 - 5 ft
  - 5 - 7 ft
  - 7 - 10 ft
  - 10 - 15 ft
  - 15 - 20 ft
  - 20 - 42 ft

Datum = NAD 1983, 1,000-m USNG

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 setup.
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:
1. Surge limits are based on still water storm tide height above Mean Lower Water (MLW)
at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monmouth surge heights over LIDAR-based digital elevation data.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

storm tide depth
Monroe, 2012
scale 1:24,000
Map Plate 86
Page 86 of 367

Datum = NAD 1983, 1,000-m USNG

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 Mean Lower Low Water (MLLW) at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Measured surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

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

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 87
Page 87 of 367

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Monroe, 2012

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Moorsmouth 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 emergency 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 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLASS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3
GRIDCODE
- Dry
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 93
Page 93 of 367
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Moore's surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

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

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

CATEGORY 3 GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale: 1:24,000

Map Plate 95
Page 95 of 367
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Monsoon surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

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

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

Monroe, 2012
Map Plate 96
Page 96 of 367
This map is for emergency 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 are shown NAVD88 at high tide with no wave setup.
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 emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Mooreman surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
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
   Maximums surge heights over LIDAR based digital elevation
   model.
3. The Points of Reference are locations determined to be
   relevant to emergency management officials.

ATLASS LEGEND
- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

US National Grid
100,000-m Square ID
NH
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m U.S. National Grid System

Datum = NAVD 88

Map Plate 103

Storm Tide Depth
Monroe, 2012
Scale: 1:24,000

Printed Pages in Yellow
Page 103 of 367

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency planning purposes only. Hurri cane 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 at high tide with no wave setup.
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 the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
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 Moosmane surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

**GRID CODE**
- Dry
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

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

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based 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 relative to NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

US National Grid
100,000-m Square ID
NH
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m U.S.G.S.

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

Monroe, 2012
Printed Pages in Yellow
Page 112 of 367
Notes:
1. Surge limits are based on still water storm tide height at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monmouth 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 emergency planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
This map is for emergency 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 setup.
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.

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

Datum = NAD 1983, 1,000-m USNG

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 on hurricane surge heights at high tide with no wave setup.
2. Total Storm Tide limits were derived from maximum of Moorestown surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

**ATLAS LEGEND**
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

**CATEGORY 3 GRIDCODE**
- Dry
  - 0 - 0.5 ft
  - 0.5 - 1.5 ft
  - 1.5 - 3 ft
  - 3 - 5 ft
  - 5 - 7 ft
  - 7 - 10 ft
  - 10 - 15 ft
  - 15 - 20 ft
  - 20 - 42 ft

**US National Grid**
- 100,000 m Square ID
- Grid Zone Designation NH 17R
- Datum = NAD 1983, 1,000-m U.S. National Grid

**Storm Tide Depth**
- Monroe, 2012
- Map Plate 121
- Page 121 of 367
This map is for emergency 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 setup.
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.

ieder = NAD 1983, 1,000-m USNG

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

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

CATegory 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 127
Page 127 of 367

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Moosmur surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Map Plate 130
Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Printed Pages in Yellow
Page 130 of 367
This map is for emergency 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 setup.
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.

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 142
Page 142 of 367
Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from maximum measured surge heights over LIDAR based digital elevation.
3. Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3 GRIDCODE
- Dry
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 143
Page 143 of 367
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 Measured surge heights over LiDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 Mean Higher High Water at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3 GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000

Map Plate 145
Page 145 of 367

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave setup.
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.

Monroe, 2012
Map Plate 148
Page 148 of 367
This map is for emergency planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
This map is for emergency 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 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximums of Hurricane surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

Legend:
- Category 3
- Gridcode
- Dry
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

Map Plate 152
Page 152 of 367

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
Notes:
1. Surge limits are based on still water storm tide height with reference to NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe Inundation based on LIDAR information.
3. The Points of Reference are locations determined to be relevant to emergency management officials.
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LiDAR based 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 above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Moisture surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

### Storm Tide Depth
Monroe, 2012

<table>
<thead>
<tr>
<th>CATEGORY 3</th>
<th>GRIDCODE</th>
</tr>
</thead>
<tbody>
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<td>Dry</td>
<td>0 - 0.5 ft</td>
</tr>
<tr>
<td>0.5 - 1.5 ft</td>
<td></td>
</tr>
<tr>
<td>1.5 - 3 ft</td>
<td></td>
</tr>
<tr>
<td>3 - 5 ft</td>
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<td>5 - 7 ft</td>
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<td>7 - 10 ft</td>
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<td>10 - 15 ft</td>
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<td>15 - 20 ft</td>
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</tr>
<tr>
<td>20 - 42 ft</td>
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</tr>
</tbody>
</table>

Map Plate 163

Printed Pages in Yellow

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This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Monmouth surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Monroe, 2012

Scale 1:24,000

Map Plate 164

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Please consult with local authorities.

management implementation are local responsibilities.

This map is for emergency planning purposes only.

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

**GRIDCODE**

- Dry
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

**CATEGORY 3**

- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

**ATLAS LEGEND**

- Evacuation Route
- City Limits
- NHD Lakes

**HOSPITAL**

- Points of Reference
This map is for emergency 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 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe 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
NH
Grid Zone Designation
17R

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

Storm Tide Depth
Monroe, 2012
Scale: 1:24,000

Map Plate 166
Page 166 of 367
Monroe, 2012
Map Plate 169
Page 169 of 367

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

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

CATEGORY 3
GRID CODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000

Printed Pages in Yellow

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

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LiDAR-based digital elevation models.
3. The Points of Reference are locations determined to be relevant to emergency management officials.
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Monsmune surge heights over LIDAR based digital elevation model.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Map Plate 171
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Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
Notes:
1. Surge limits are based on still water storm tide height at high tide with no wave setup.
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.

ATLAS LEGEND

- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 172
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Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012

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

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

ATLAS LEGEND

- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3

GRIDCODE

- Dry
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

Storm Tide Depth
Monroe, 2012
Map Plate 173
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0 2,000
0 2,000
Feet

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012

Storm Tide Depth
Monroe, 2012

Map Plate 174

Monroe County

Notes:
1. Surge limits are based on still water storm tide height over mean lower low water (MLLW) at high tide with no wave setup.
2. Total Storm Tide limits were derived from maximum of measured surge heights over LIDAR-based digital elevation model (DEM).
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

Category 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

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

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

Printed Pages in Yellow 1:24,000 Scale

Page 174 of 367
This map is for emergency 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 at high tide with no wave setup.
2. Total storm tide limits were derived from maximum Monroe 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
ATLAS LEGEND
• Hospital
• Points of Reference
• Evacuation Route
• City Limits
• NHD Lakes

GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Map Plate 175
Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Printed Pages in Yellow
1:24,000 Scale
Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
Page 175 of 367
Notes:
1. Surge limits are based on still water storm tide height at high tide with no wave setup.
2. Total storm tide limits were derived from Maximum of Monroe County surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

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

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 176
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This map is for emergency 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 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monmouth 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
NH
Grid Zone Designation
17R

Map Plate 177
Page 177 of 367
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 Measured 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 emergency 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 at high tide with no wave setup.
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 emergency 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 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monmouth 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

Scale: 1:24,000

Map Plate 182

Page 182 of 367
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from maximum of Monroe 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 emergency 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 use NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3 GRIDCODE

<table>
<thead>
<tr>
<th>Category</th>
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<tbody>
<tr>
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<tr>
<td>1.5 - 3 ft</td>
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<td>3 - 5 ft</td>
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<td>5 - 7 ft</td>
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<td></td>
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<tr>
<td>15 - 20 ft</td>
<td></td>
</tr>
<tr>
<td>20 - 42 ft</td>
<td></td>
</tr>
</tbody>
</table>

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

Printed Pages in Yellow
1:24,000 Scale

Storm Tide Depth
Monroe, 2012
Map Plate 187
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Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
Notes:
1. Storm tide limits are based on still water storm tide height at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe Surge Heighs over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.
Ingraham, Lake
Raulerson Prairie

MONROE COUNTY

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

This map is for emergency 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 elevation above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Measured surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

STORM TIDE DEPTH
Monroe, 2012
Map Plate 192
Page 192 of 367
Storm Tide Depth
Monroe, 2012

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

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

CATEGORY 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Printed Pages in Yellow
1:24,000 Scale

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

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

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 from: NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Moisture surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Monroe, 2012
Map Plate 194
Page 194 of 367
ATLAS LEGEND

HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

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 Measured surge heights over LiDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

CATEGORY 3 GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm TideDepth
Monroe, 2012
Scale 1:24,000

Map Plate 195
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Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3 GRIDCODE
- Dry
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 196
Page 196 of 367

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
Notes:
1. Surge limits are based on still water storm tide height above NAVD88.
2. Total Storm Tide limits were derived from Maximum of Mean Storm surge heights over LIDAR based digital elevation model (DEM).
3. The Points of Reference are locations determined to be relevant to emergency management officials.
Notes:
1. Storm Tides are based on still water storm tide height and elevation above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CARDINALS

UNINCORPORATED MIAMI-DADE
MIAMI-DADE COUNTY

MONROE COUNTY

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

0 2,000 Feet
Printed Pages in Yellow
1:24,000 Scale

Map Plate 201
Page 201 of 367

Storm Tide Depth
Monroe, 2012
Scale 1:24,000

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

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
Notes:
1. Surge limits are based on still water storm tide heights at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Moosumore surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant for emergency management officials.

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

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

CATEGORY 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 202
Page 202 of 367

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Measured surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

**ATLAS LEGEND**
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

**CATEGORY 3**
- Gridcode
  - Dry: 0 - 0.5 ft
  - 0.5 - 1.5 ft
  - 1.5 - 3 ft
  - 3 - 5 ft
  - 5 - 7 ft
  - 7 - 10 ft
  - 10 - 15 ft
  - 15 - 20 ft
  - 20 - 42 ft

**Map Plate**
205

**Storm Tide Depth**
Monroe, 2012
Scale 1:24,000

**Datum = NAD 1983, 1,000-m USNG**

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3 SND CODE
- Dry
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

US National Grid
100,000-m Square ID
NH
Grid Zone Designation: 17R
Datum = NAD 1983, 1,000-m using UTM

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

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012

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Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Printed Pages in Yellow
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Monroe 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 emergency 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 at high tide with no wave setup.
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.

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

MONROE COUNTY

Storm Tide Depth
Monroe, 2012
Map Plate 208
Page 208 of 367
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Monocrome surge heights over LIDAR-based digital elevation.
3. The Points of Reference are selected to be relevant to emergency management officials.

ATLAS LEGEND
• HOSPITAL
• Points of Reference
• Evacuation Route
• City Limits
• NHD Lakes

CATEGORY 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 209
Page 209 of 367
ATLAS LEGEND

- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

STORM TIDE DEPTH
Monroe, 2012
Scale 1:24,000

Map Plate 211
Page 211 of 367

Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from maximum Monroe 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
100,000-m Square ID MH
Grid Zone Designation 17R

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.

Notes:
1. Storm tide 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 Monroe surge heights over LIDAR-based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

<table>
<thead>
<tr>
<th>CATEGORY 3 Gridcode</th>
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<td>0.5 - 1.5 ft</td>
<td>Orange</td>
</tr>
<tr>
<td>1.5 - 3 ft</td>
<td>Yellow</td>
</tr>
<tr>
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<td>15 - 20 ft</td>
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</tbody>
</table>

Map Plate 212
Storm Tide Depth
Monroe, 2012
Scale 1:24,000

Page 212 of 367

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
Notes:
1. Surge limits are based on still water storm tide height relative to NAVD88 at high tide with no wave setup.
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 as 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 setup.
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.

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 214
Page 214 of 367
This map is for emergency 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 with respect to NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based 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 above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum Monroe surge heights over LiDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Monroe, 2012
Map Plate 216
Page 216 of 367
Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroeville surge heights over LIDAR based 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 on NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3
GRIDCODE
Dry
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 219
Page 219 of 367
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 Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

US National Grid
100,000-m Square ID
NH

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m UTM

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

CATEGORY 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 220
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Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from maximum of Monroe County surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3 GRIDCODE
Dry
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 221

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ATLAS LEGEND

- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

STORM TIDE DEPTH

Monroe, 2012
Scale 1:24,000
Map Plate 223

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

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

Datum = NAD 1983, 1,000-m USNG

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012

Printed Pages: 223 of 367
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Minimum 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 emergency 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 setup.
2. Total Storm Tide limits were derived from maximum Monroe surge heights over LIDAR based digital.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

DATUM = NAD 1983, 1,000-m USNG

Printed Pages in Yellow

1:24,000 Scale

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
Monroe County

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 Monroe surge heights over LIDAR based digital terrain.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- Hospitals
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

STORM TIDE DEPTH

Monroe, 2012

Map Plate 229

Page 229 of 367
This map is for emergency 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 assumes NAVD88 at high tide with no wave setup.
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.

ATLAS LEGEND

- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

GRIDCODE

- Dry
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Miami's surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.
ATLAS LEGEND

- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

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

Storm Tide Depth Monro, 2012
Scale 1:24,000

Monroe, 2012
Map Plate 233
Page 233 of 367

Datum = NAD 1983, 1,000-m USNG

Printed Pages in Yellow
1:24,000 Scale

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

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

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

SCALE 1:24,000

Storm Tide Depth
Monroe, 2012
Map Plate 234
Page 234 of 367
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 Measured surge heights over LIDAR based digital elevation.
3. Points of Reference are locations determined to be relevant to emergency management officials.

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

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORICAL 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 235
Page 235 of 367

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 setup.
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.

ATLAS LEGEND
H HOSPITAL
P Points of Reference
E Evacuation Route
C City Limits
N NHD Lakes

CATEGORY 3 GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 236
Page 236 of 367

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from maximum of measured surge heights over LIDAR based digital elevation model.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

MONROE COUNTY

ATLAS LEGEND

- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

Storm Tide Depth
Monroe, 2012
Scale 1:24,000

Map Plate 237
Page 237 of 367
This map is for emergency planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
This map is for emergency 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 setup.
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.

ATLAS LEGEND
- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3
- Dry
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

Map Plate 243
Storm Tide Depth
Monroe, 2012
Scale: 1:24,000
Monroe County
Notes:
1. Surge limits are based on still water storm tide height with respect to NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Map Plate 244
Page 244 of 367
Notes:
1. Surge limits are based on still water storm tide height and storm surge NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monrooe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLASS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3
GRIDCODE
Dry
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 245
Page 245 of 367

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 at high tide with no wave setup.
2. Total Storm Tide limits were derived from maximum of Monroes surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Map Plate 246

Printed Pages in Yellow

1:24,000 Scale

Datum = NAD 1983, 1,000-m USNG

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

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

CATEGORY 3 GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Map Plate 246

Page 246 of 367
This map is for emergency 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 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3
GRIDCODE
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

Storm Tide Depth
Monroe, 2012
Map Plate 247
Page 247 of 367
This map is for emergency 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 elevation above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Mooresure 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 emergency 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 setup.
2. Total Storm Tide limits were derived from Maximums surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Map Plate 249
Page 249 of 367
This map is for emergency 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 setup.
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:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from maximum of Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

CATegory 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

ATLAS LEGEND
- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

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

This map is for emergency 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 setup.
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.

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3
GRIDCODE
Dry
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 255
Page 255 of 367

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Measured surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3 GRIDCODE
- Dry
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 256
Page 256 of 367
PRODUCTED BY THE SOUTH FLORIDA REGIONAL PLANNING COUNCIL FOR THE FLORIDA DIVISION OF EMERGENCY MANAGEMENT, 2011-2012

This map is for emergency planning purposes only. Hurricane evacuation 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 setup.
2. Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Datum = NAD 1983, 1,000-m USNG

Storm Tide Depth
Monroe, 2012
Map Plate 257
Page 257 of 367
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 Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3 GRIDCODE
- Dry
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 40 ft

Storm Tide Depth
Monroe, 2012
Map Plate 258
Page 258 of 367
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Model 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

Map Plate 260
Page 260 of 367

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 setup.
2. Storm Tide limits were derived from Maximum of Moisture surge height over LiDAR based 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 above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Missoumre surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

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

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

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 mean lower low water NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from maximum observed surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Map Plate 265
Page 265 of 367
Notes:
1. Surge limits are based on still water storm tide height and are shown NAVD88 at high tide with no wave setup.
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.

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

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

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

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012

Map Plate 267
Storm Tide Depth
Monroe, 2012
Scale 1:24,000

Page 267 of 367
NOTES:
1. Surge limits are based on still water storm tide height at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Measured 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

1:24,000 Scale

ATLANTIC LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

Map Plate 268
Storm Tide Depth
Monroe, 2012
Scale 1:24,000

-produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 relative to NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights of over 1/2/m based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Depth
Monroe, 2012
Map Plate 269
Page 269 of 367
This map is for emergency 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 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based 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 relative to NAVD88 at high tide with no wave setup.
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.

ATLAS LEGEND
- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

Table: Storm Tide Depth

<table>
<thead>
<tr>
<th>Category 3 Gridcode</th>
<th>Dry</th>
<th>0 - 0.5 ft</th>
<th>0.5 - 1.5 ft</th>
<th>1.5 - 3 ft</th>
<th>3 - 5 ft</th>
<th>5 - 7 ft</th>
<th>7 - 10 ft</th>
<th>10 - 15 ft</th>
<th>15 - 20 ft</th>
<th>20 - 40 ft</th>
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</tr>
</tbody>
</table>
This map is for emergency 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 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

**US National Grid**
100,000-m Square ID

Grid Zone Designation
MJ

Datum = NAD 1983, 1,000-m USBNG

CATALOGUE NUMBER

MJ 17R

Dry

CATEGORY 3 GRIDCODE
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

NHD Lakes

Monroe County, 2012

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
Notes:
1. Surge limits are based on still water storm tide height at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Measured surge heights over LIDAR based 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 and maximum observed LIDAR elevation at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation model (DEM).
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3 GRIDCODE
Dry
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

Storm Tide Depth
Monroe, 2012
Map Plate 274
Page 274 of 367
This map is for emergency 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 are shown NAVD88 at high tide with no wave setup.
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.

ATLAS LEGEND

- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

STORM TIDE DEPTH
Monroe, 2012

Map Plate
278
Page 278 of 367
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Mooreham 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 the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monmouth surge heights over LIDAR based digital elevation data.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 280

Monroe, 2012
produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 water above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from maximum of Monroe 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 emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevations.
3. The Points of Reference are locations determined to be relevant to emergency management officials.
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Monicore surge heights over LIDAR based digital.
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 1988, 1,000-m UTM

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

Map Plate 283
Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Page 283 of 367
Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital 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 USGS

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

CATEGORY 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 284
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Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 with no wave setup at high tide.
2. Total Storm Tide limits were derived from Maximum of Monsoons surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLASS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

MONROE COUNTY

Datum = NAD 1983, 1,000-m USNG

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

Printed Pages in Yellow

1:24,000 Scale

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 285
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This map is for emergency 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 are shown NAVD88 at high tide with no wave setup.
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.

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

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

CATEGORY 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 287
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This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Moore County surge heights over LIDAR based digital elevation data.
3. The Points of Reference are locations determined to be relevant to emergency management officials.
Storm Tide Depth
Monroe, 2012

Notes:
1. Surge limits are based on still water storm tide height above mean lower low water (MLLW) at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Measured Surge Heights over LiDAR Based Digital Elevation Model (DEM).
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
• HOSPITAL
• Points of Reference
• Evacuation Route
• City Limits
• NHD Lakes

CATEGORY 3 GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

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

Monroe, 2012
Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012

Page 289 of 367
ATLAS LEGEND

- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

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

100,000-m Square ID

Grid Zone Designation

NJ 17R

US National Grid

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012

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

CATEGORY 3
GRIDCODE

Dry

0 - 0.5 ft

0.5 - 1.5 ft

1.5 - 3 ft

3 - 5 ft

5 - 7 ft

7 - 10 ft

10 - 15 ft

15 - 20 ft

20 - 42 ft

Storm Tide Depth

Monroe, 2012

Map Plate 290

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Printed Pages in Yellow

1:24,000 Scale
This map is for emergency 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 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are located to be relevant to emergency management officials.

ATLASS LEGEND
- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3 GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

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

Monroe, 2012
Map Plate 291
Page 291 of 367
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Monroe 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

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

CATEGORY 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Map Plate 292
Page 292 of 367

Storm Tide Depth
Monroe, 2012
Scale 1:24,000

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Maximums storm surge heights over LIDAR based digital 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

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
Notes:
1. Surge limits are based on still water storm tide height above NAVD 88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Measured surge heights over 1/3 full bathymetric data.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLASE LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

CATEGORY 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Map Plate 296
Page 296 of 367
This map is for emergency planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
MONROE COUNTY

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

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

ATLAS LEGEND
HOSPITAL
Points of Reference
- Evacuation Route
City Limits
NHD Lakes

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 298
Page 298 of 367

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 setup.
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 emergency 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. Surge elevation NAVD88 at high tide with no wave setup.
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.

ATLAS LEGEND
- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

Monroe, 2012
Map Plate 300
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This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Monroe County surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Depth
Monroe, 2012
Map Plate 301
Page 301 of 367
Notes:
1. Storm tide limits are based on still water storm tide height and are shown NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Measured storm surge heights over LIDAR based digital elevation model.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale: 1:24,000
Map Plate 302

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

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012

Notes:
1. Surge limits are based on still water storm tide height as shown NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Measured storm surge heights over LIDAR based digital elevation model.
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 UTM

Printed Pages in Yellow
1:24,000 Scale

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ATLAS LEGEND

- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

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

**Category 3 Gridcode**
- Dry
  - 0 - 0.5 ft
  - 0.5 - 1.5 ft
  - 1.5 - 3 ft
  - 3 - 5 ft
  - 5 - 7 ft
  - 7 - 10 ft
  - 10 - 15 ft
  - 15 - 20 ft
  - 20 - 42 ft

**Storm Tide Depth**

Monroe, 2012

Scale 1:24,000

Map Plate 304

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012

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

Printed Pages in Yellow
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Measured surge heights over 1:24,000 based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Category 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Monroe, 2012
Scale 1:24,000
Map Plate 305
Page 305 of 367
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 Measurements surge heights over LIDAR based digital elevation model.
3. The Points of Reference are locations determined to be relevant to emergency management officials.
This map is for emergency 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 are above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum Monroe surge heights over LIDAR based digital 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

ATLAS LEGEND

- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

<table>
<thead>
<tr>
<th>CATEGORY 3</th>
<th>GRIDCODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 0.5 ft</td>
<td>0</td>
</tr>
<tr>
<td>0.5 - 1.5 ft</td>
<td>1</td>
</tr>
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<tr>
<td>15 - 20 ft</td>
<td>7</td>
</tr>
<tr>
<td>20 - 42 ft</td>
<td>8</td>
</tr>
</tbody>
</table>

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 307
Page 307 of 367
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Monmouth 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 emergency 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 elevation above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Moore Sound surge heights over LIDAR based digital elevation model.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3 GRIDCODE
- Dry
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

Datum = NAD 1983, 1,000-m USNG

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

IMONROE COUNTY
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Measured surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

Map Plate 313
Storm Tide Depth
Monroe, 2012
Scale 1:24,000

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from maximum of measured surge heights over LIDAR based digital 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 U.S.G.S.

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 315
Page 315 of 367
This map is for emergency 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 over NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

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

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 316
Page 316 of 367
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from maximum of Monroe surge heights over LiDAR based digital elevation models.
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

**ATLAS LEGEND**

- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

**CATEGORY 3 GRIDCODE**

- Dry: 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

**Monroe, 2012**

Scale 1:24,000

Map Plate 317

Page 317 of 367
ATLAS LEGEND

- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

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

Category 3 Gridcode:
- Dry
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

Datum = NAD 1983, 1,000-m USNG

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

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012

MAPS: Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 318
Page 318 of 367
This map is for emergency planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
This map is for emergency 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 setup.
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.

ATLAS LEGEND

- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

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

Category 3

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 321
Page 321 of 367

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 mean lower low water NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from maximum of Monmouth 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 emergency 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 setup.
2. Total Storm Tide limits were derived from maximum of Minnesota surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.
Storm Tide Depth
Monroe, 2012

Map Plate 326
Page 326 of 367
This map is for emergency 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 are above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Moore's surge heights over LIDAR based digital 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

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

CATEGORY 3 GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale: 1:24,000
Map Plate 327
Page 327 of 367
Weeks Lakes
MONROE COUNTY

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 Monmouth surge heights over LIDAR based digital 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

ATLAS LEGEND

HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

CATALOG 3 GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000

Map Plate 328
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Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012

This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Monmouth 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 emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Measured surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3 GRDCODE
- Dry
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 329
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This map is for emergency 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 vary based on NAVD88 at high tide with no wave setup.
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.

ATLAS LEGEND
- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

Storm Tide Depth
Monroe, 2012

Map Plate 330
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This map is for emergency 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 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital elevation models.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 331
Page 331 of 367
Notes:
1. Surge limits are based on still water storm tide height at high tide with no wave setup.
2. Total Storm Tide limits were derived from maximum storm 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

Monroe, 2012

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Monmouth surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

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

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

CATEGORY 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 335
Page 335 of 367

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
Notes:
1. Surge limits are based on still water storm tide height at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Moore County surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3 GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Map Plate 336
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Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
Notes:
1. Surge limits are based on still water storm tide heights above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital elevation.
3. These Points of Reference are locations determined to be relevant to emergency management officials.
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Measured 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
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Measured surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
HOSPITAL
Points of Reference
Evacuation Route
City Limits
NHD Lakes

MATRIX LEGEND

Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

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

Scale: 1:24,000

Map Plate
Storm Tide Depth
Monroe, 2012
Printed Pages in Yellow
Page 341 of 367
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

GRIDCODE
- Category 3
- Dry
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 3 ft
- 3 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

Datum = NAD 1983, 1,000-m USNG

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 measurements above NAVD88 at high tide with no wave setup.
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.

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Montorme surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- HOSPITAL
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

Table: Storm Tide Depth

Monroe, 2012
Map Plate 344
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This map is for emergency 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 are above NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from maximum of Monroe surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Grid Zone Designation: 17R
US National Grid: MJ
Datum: NAD 1983, 1,000-m USNG
Scale: 1:24,000
Printed Pages in Yellow
Map Plate 345
Page 345 of 367
Notes:
1. Surge limits are based on still water storm tide height relative to NAVD88 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Monroe 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 emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Monmouth 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 emergency planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
This map is for emergency 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 at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Moorhouse surge heights over DEM based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3

GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

Storm Tide Depth
Monroe, 2012
Scale: 1:24,000
Map Plate 351
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Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at high tide with no wave setup.
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.

ATLAS LEGEND

HOSPITAL

Points of Reference

Evacuation Route

City Limits

NHD Lakes

CATEGORY 3

GRIDCODE

Dry

0 - 0.5 ft

0.5 - 1.5 ft

1.5 - 3 ft

3 - 5 ft

5 - 7 ft

7 - 10 ft

10 - 15 ft

15 - 20 ft

20 - 42 ft

US National Grid

100,000-m Square ID

MJ

Grid Zone Designation

17R

Datum = NAD 1983, 1,000-m Using

Monroe, 2012

Map Plate 352

Page 352 of 367
This map is for emergency 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 setup.
2. Total Storm Tide limits were derived from maximum of Monroe County 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 emergency 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 at high tide with no wave setup.
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.

ATLAS LEGEND
- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

Category 3 Gridcode
- Dry
- 0 - 0.5 ft
- 0.5 - 1.0 ft
- 1.0 - 1.5 ft
- 1.5 - 2.0 ft
- 2.0 - 3.0 ft
- 3.0 - 4.0 ft
- 4.0 - 5.0 ft
- 5.0 - 6.0 ft
- 6.0 - 7.0 ft
- 7.0 - 10.0 ft
- 10.0 - 15.0 ft
- 15.0 - 20.0 ft
- 20.0 - 22.0 ft
- 22.0 - 24.0 ft
- 24.0 - 26.0 ft
- 26.0 - 28.0 ft
- 28.0 - 30.0 ft
- 30.0 - 32.0 ft
- 32.0 - 34.0 ft
- 34.0 - 36.0 ft
- 36.0 - 38.0 ft
- 38.0 - 40.0 ft
- 40.0 - 42.0 ft

Storm Tide Depth
Monroe, 2012
Scale 1:24,000
Map Plate 355
Page 355 of 367
This map is for emergency planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.
This map is for emergency 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 setup.
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.
Notes:
1. Surge limits are based on still water storm tide height at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Measured storm surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

ATLAS LEGEND
- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

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

Map Plate 360
Storm Tide Depth
Monroe, 2012
Scale 1:24,000
0 2,000 Feet
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ATLAS LEGEND
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

Notes:
1. Surge limits are based on still water storm tide height above NAVD88 at 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 officials.

Storm Tide Depth
Monroe, 2012
Map Plate 361
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Monroe, 2012
Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012

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

ATLAS LEGEND
- Hospital
- Points of Reference
- Evacuation Route
- City Limits
- NHD Lakes

CATEGORY 3
GRIDCODE
Dry
0 - 0.5 ft
0.5 - 1.5 ft
1.5 - 3 ft
3 - 5 ft
5 - 7 ft
7 - 10 ft
10 - 15 ft
15 - 20 ft
20 - 42 ft

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

Printed Pages in Yellow
1:24,000 Scale
Monroe, 2012
Map Plate 362
Page 362 of 367
This map is for emergency 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 setup.
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.

**US National Grid**
100,000-m Square ID
MJ

**Grid Zone Designation**
17R

Datum = NAD 1983, 1,000-m USING

**Monroe, 2012**

**Map Plate 363**

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This map is for emergency 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 at high tide with no wave setup.
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 emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Monroe 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 emergency 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 setup.
2. Total Storm Tide limits were derived from Maximum of Missions surge heights over LiDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Produced by the South Florida Regional Planning Council for the Florida Division of Emergency Management, 2011-2012
Funding was provided by the Florida Legislature with funding from the Federal Emergency Management Agency (FEMA) through the Florida Division of Emergency Management. Local match was provided by the South Florida Regional Planning Council and the counties of Broward, Miami-Dade and Monroe.

Florida Division of Emergency Management
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