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.

Category 3:
Dry: 0 - 0.5 ft
Low: 0.5 - 1.5 ft
Moderate: 1.5 - 3 ft
High: 3 - 5 ft
Very High: 5 - 7 ft
Exceptional: 7 - 10 ft
Severe: 10 - 15 ft
Extreme: 15 - 20 ft
Catastrophic: 20 - 42 ft

Datum = NAD 1983, 1,000-m USNG
Grid Zone Designation: 17R NM
Category 3
Dry: 0 - 0.5 ft
Low: 0.5 - 1.5 ft
Moderate: 1.5 - 3 ft
High: 3 - 5 ft
Very High: 5 - 7 ft
Exceptional: 7 - 10 ft
Severe: 10 - 15 ft
Extreme: 15 - 20 ft
Catastrophic: 20 - 42 ft

Map Plate 025a
Scale 1:24,000

Produced by Florida Regional Planning Council for 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 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 5 ft water above sea level 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.

**Legend:**
- **Category 3**
  - **Dry**
  - **0 - 0.5 ft**
  - **0.5 - 1.5 ft**
  - **1.5 - 2 ft**
  - **2 - 3 ft**
  - **3 - 5 ft**
  - **5 - 7 ft**
  - **7 - 10 ft**
  - **10 - 15 ft**
  - **15 - 20 ft**
  - **20 - 42 ft**

**Map Information:**
- **Datum:** NAD 1983, 1,000-m USNG
- **Map Scale:** 1:24,000
- **Map Plate:** 039

**Map Production:**
- Produced by FLRegion Regional Planning Council for Florida Division of Emergency Management, 2011-2012

**Map Designation:**
- **NM**
- **Grid Zone Designation:** 17R
- **US National Grid:** 100,000-m Square ID

**Points of Reference:**
- Hospitals
- Evacuation Routes
- City Limits
- NHD Lakes
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 storm tide heights over LIDAR based digital elevation model.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

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

Volusia County, 2012
Scale 1:24,000
Map Plate 040

Produced by FLRegion Regional Planning Council for 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 surge heights over LIDAR based digital elevation models.
3. The Points of Reference are locations determined to be relevant to emergency management personnel.

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

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 FLRegion Regional Planning Council for 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 above the ordinary high tide with no wave set-up.
2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over LIDAR based digital data.
3. The Points of Reference are locations determined to be necessary to emergency management officials.

Storm Tide Depth
Volusia County, 2012
Scale 1:24,000
USNG Page 17R NM 12 95
Map Plate 053
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 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

Storm Tide Depth
Volusia County, 2012
Scale: 1:24,000
Map Plate: 065

Produced by FLRegion Regional Planning Council for Florida Division of Emergency Management, 2011-2012
Hurricane evacuation decision-making and growth management implementation are local responsibilities.

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 (no wave height) and do not account for wave setup at high tide with no wave setup.
2. Total Storm Tide limits were derived from 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.

VOLUSIA COUNTY

New Smyrna Beach

Edgewater

Storm Tide Depth
Volusia County, 2012
Scale 1:24,000
Map Plate 079

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

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

This map is for emergency planning purposes only.

Datum = NAD 1983, 1,000-m USNG

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 USGS-based digital.
3. The Points of Reference are for reference; do not take these recommendations as official.
Please consult with local authorities.

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

CATALOGUE LEGEND

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

STORM TIDE DEPTH
Volusia County, 2012
Scale 1:24,000

US National Grid
100,000-m Square ID
NN
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 FLRegion Regional Planning Council for Florida Division of Emergency Management, 2011-2012
Please consult with local authorities.

Management implementation are local responsibilities.

This map is for emergency planning purposes only.

Hurricane evacuation decision-making and growth over LIDAR based digital elevation above NAVD88

Notes:
1. Storm Tide limits were derived from Maximum of Maximum surge height
2. Total Storm Tide limits were
3. The Points of Reference are locations determined by local emergency management officials

Notes:
1. Surge limits are based on still water 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 model
3. The Points of Reference are locations determined by local emergency management officials

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

VALOSIA COUNTY
Produced by FLRegion Regional Planning Council for Florida Division of Emergency Management, 2011-2012

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 Maximums surge heights over LIDAR based digital elevation above NAVD88 still water storm tide height.
3. The Points of Reference are locations determined to be relevant to emergency management needs.

VOLUSIA COUNTY

Storm Tide Depth
Volusia County, 2012
Scale 1:24,000

USNG Page 17R NN 00 15
Map Plate 109

Categories:
- Category 3: 0 - 0.5 ft, 0.5 - 1.5 ft, 1.5 - 3 ft, 3 - 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

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 above NAVD88.
3. The Points of Reference are locations determined to be relevant to emergency management needs.

Category 3
- 0 - 0.5 ft
- 0.5 - 1.5 ft
- 1.5 - 2 ft
- 2 - 3 ft
- 3 - 4 ft
- 4 - 5 ft
- 5 - 7 ft
- 7 - 10 ft
- 10 - 15 ft
- 15 - 20 ft
- 20 - 42 ft

Produced by FL Region Regional Planning Council for Florida Division of Emergency Management, 2011-2012
management implementation are local responsibilities.

Hurricane evacuation decision-making and growth

This map is for emergency planning purposes only.

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 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.
1. Surge limits are based on still water surge height at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over USGS based digital.
3. The Points of Reference are used to determine area of evacuation or to contact emergency management officials.

Notes:
- Surge limits are based on still water surge height at high tide with no wave setup.
- Total Storm Tide limits were derived from Maximum of Maximum surge heights over USGS based digital.
- The Points of Reference are used to determine area of evacuation or to contact 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 Maximums surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management needs.

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

**Storm Tide Depth**
Volusia County, 2012
Scale 1:24,000

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

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

**Printed Pages in Yellow**
1:24,000 Scale

Produced by FLRegion Regional Planning Council for 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.
Please consult with local authorities.

The Points of Reference are local responsibilities.

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

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 above the high water line at high tide with no wave setup.
2. Total Storm Tide limits were derived from Maximum of Maximums surge heights over USGS-based digital elevation models.
3. The Points of Reference are intended to be relevant to emergency management officials.
Please consult with local authorities.

 Datum = NAD 1983, 1,000-m USNG

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

 Storm Tide Depth
 Volusia County, 2012
 Scale 1:24,000

 Produced by Fл Region Regional Planning Council for Florida Division of Emergency Management, 2011-2012
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 Surge heights over USGS based digital elevation data.
3. The Points of Reference are locations determined as near as possible in emergency management needs.

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

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

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 192