

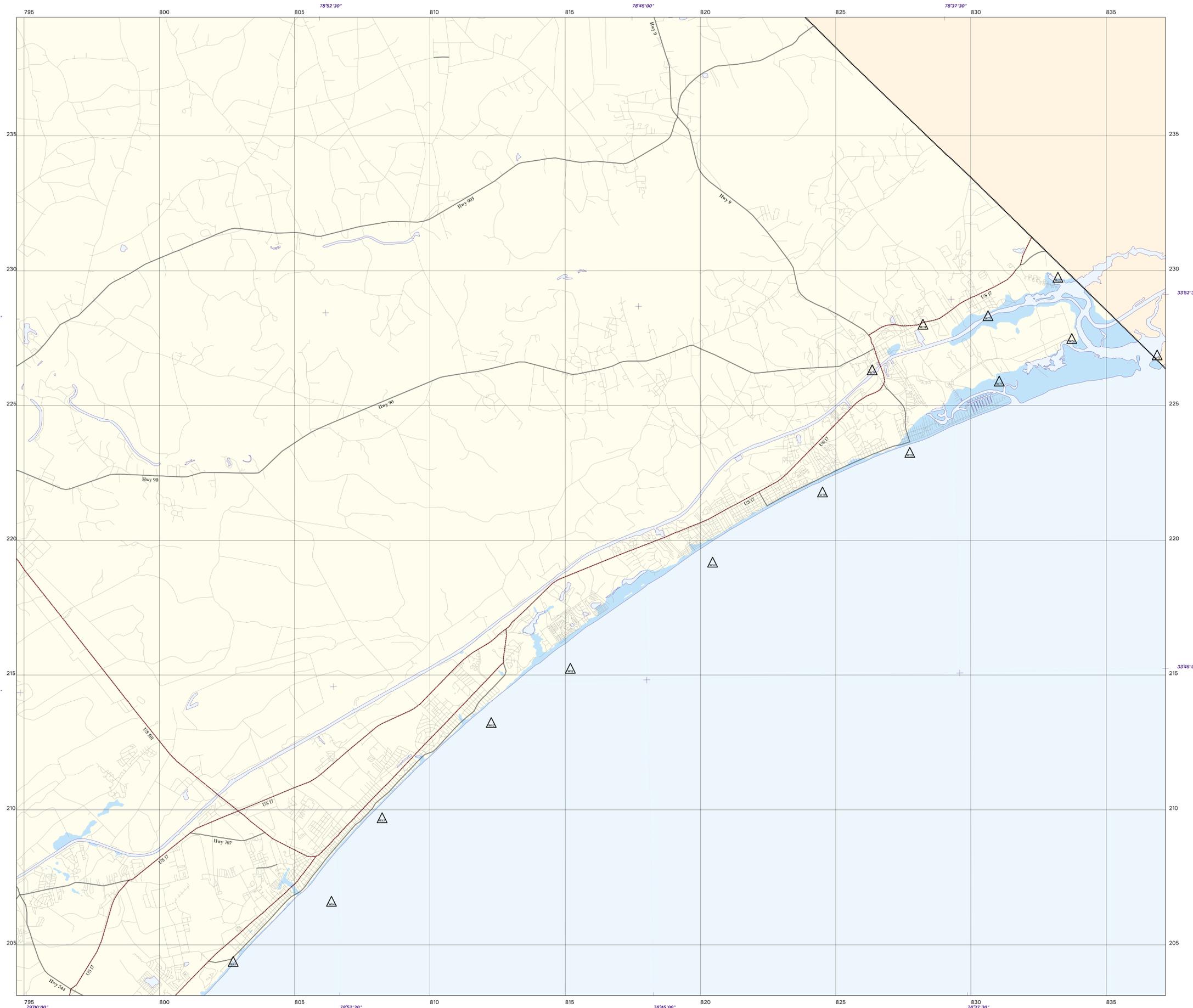
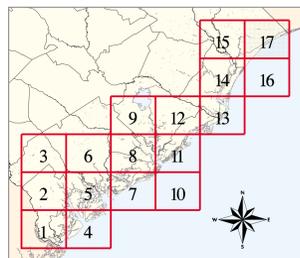
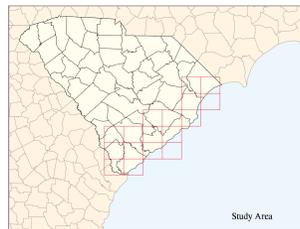
Coastal South Carolina Hurricane Evacuation Restudy

Storm Surge Heights at Time History Points
in Feet Above National Geodetic Vertical Datum (NGVD), 1929

Point	Basin	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5
W2	Wilmington	8	15	22	27	32
W3	Wilmington	9	15	20	28	31
W4	Wilmington	9	16	22	26	31
W6	Wilmington	9	16	21	26	31
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Notes:

1. Surge Limits are based on still-water total storm surge heights at mean high tide with no wave setup included (Elevations above National Geodetic Vertical Datum).
2. Source of Base Mapping is USGS Quadrangle Maps.
3. Total storm surge limits were determined by interpolating still-water total surge elevations at high tide onto the most current 7.5 minute USGS quadrangle maps. Accuracy and precision of surge limits are governed by the currency, accuracy, and tolerance of the quadrangle maps.
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- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- FEMA Q3 Area
- Open Water
- Interstate
- Primary Road
- Secondary Road
- Light Duty Road
- County Boundary

SCALE 1:48,000
One Inch Equals App. 1219 Meters



The black numbered grid around the map neartline indicates the 1000 meter State Plane Coordinate Grid, FIPSZONE 3900, NAD83 Datum for South Carolina. The last three digits of the grid numbers are omitted.

Fast (25-35 MPH) Moving Hurricanes
Category 1 Surge Areas

HORRY COUNTY, SOUTH CAROLINA

Source: National Hurricane Center (NHC) SLOSH model results and USGS 1:24000 scale topographic data Plate 17



This product represents a combined effort by the Federal Emergency Management Agency, the U.S. Army Corps of Engineers - Charleston District, and the South Carolina Emergency Preparedness Division

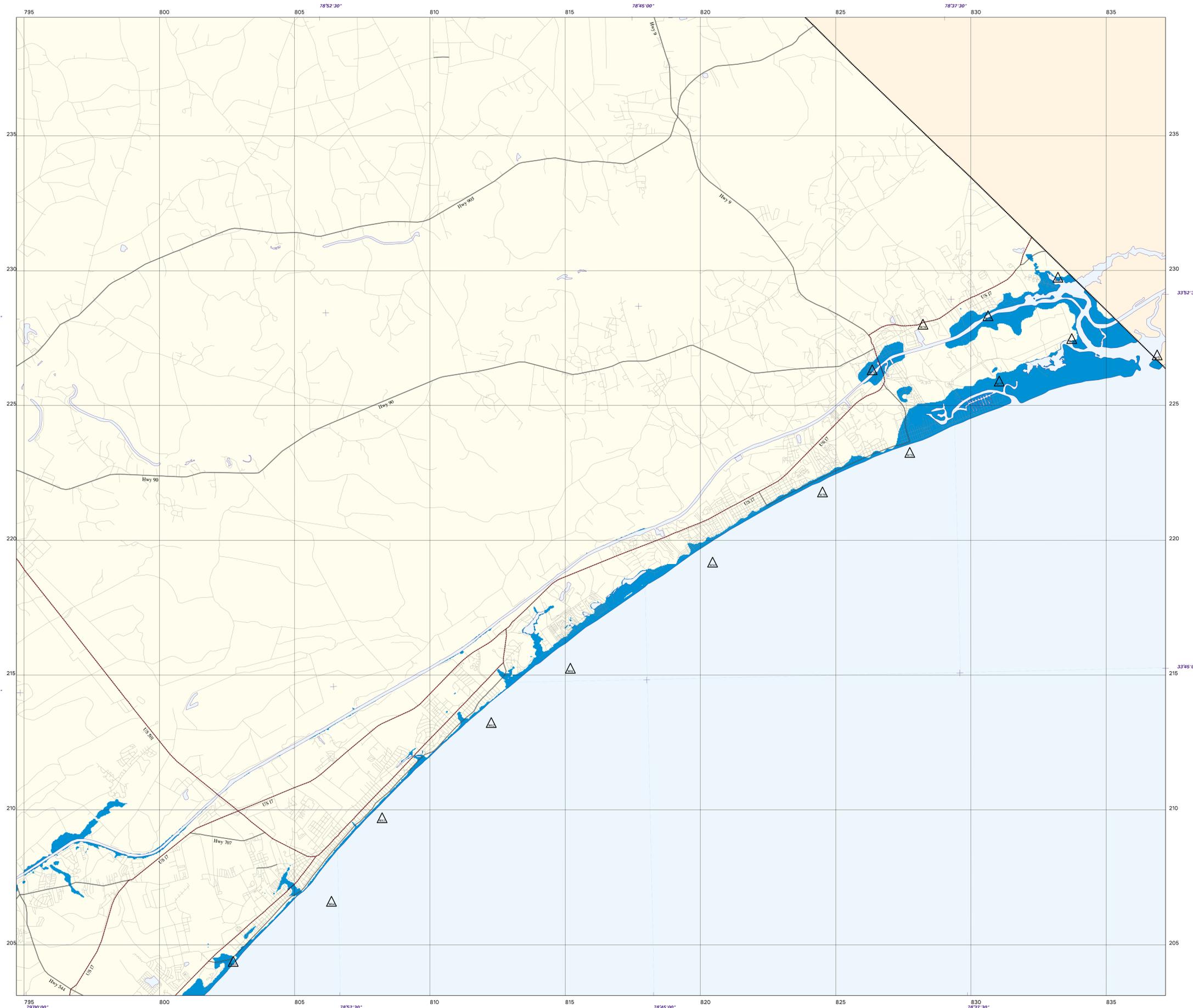
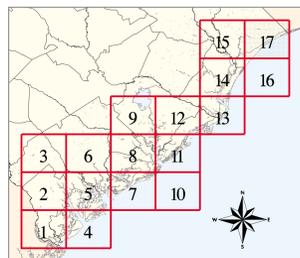
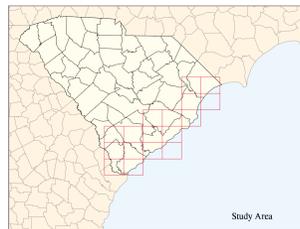
Coastal South Carolina Hurricane Evacuation Restudy

Storm Surge Heights at Time History Points
in Feet Above National Geodetic Vertical Datum (NGVD), 1929

Point	Basin	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5
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- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- FEMA Q3 Area
- Open Water
- Interstate
- Primary Road
- Secondary Road
- Light Duty Road
- County Boundary

SCALE 1:48,000
One Inch Equals App. 1219 Meters



Fast (25-35 MPH) Moving Hurricanes
Category 2 Surge Areas



This product represents a combined effort by the Federal Emergency Management Agency, the U.S. Army Corps of Engineers - Charleston District, and the South Carolina Emergency Preparedness Division

The black numbered grid around the map neartline indicates the 1000 meter State Plane Coordinate Grid, FIPSZONE 3900, NAD83 Datum for South Carolina. The last three digits of the grid numbers are omitted.

HORRY COUNTY, SOUTH CAROLINA
Source: National Hurricane Center (NHC) SLOSH model results and USGS 1:24000 scale topographic data Plate 17

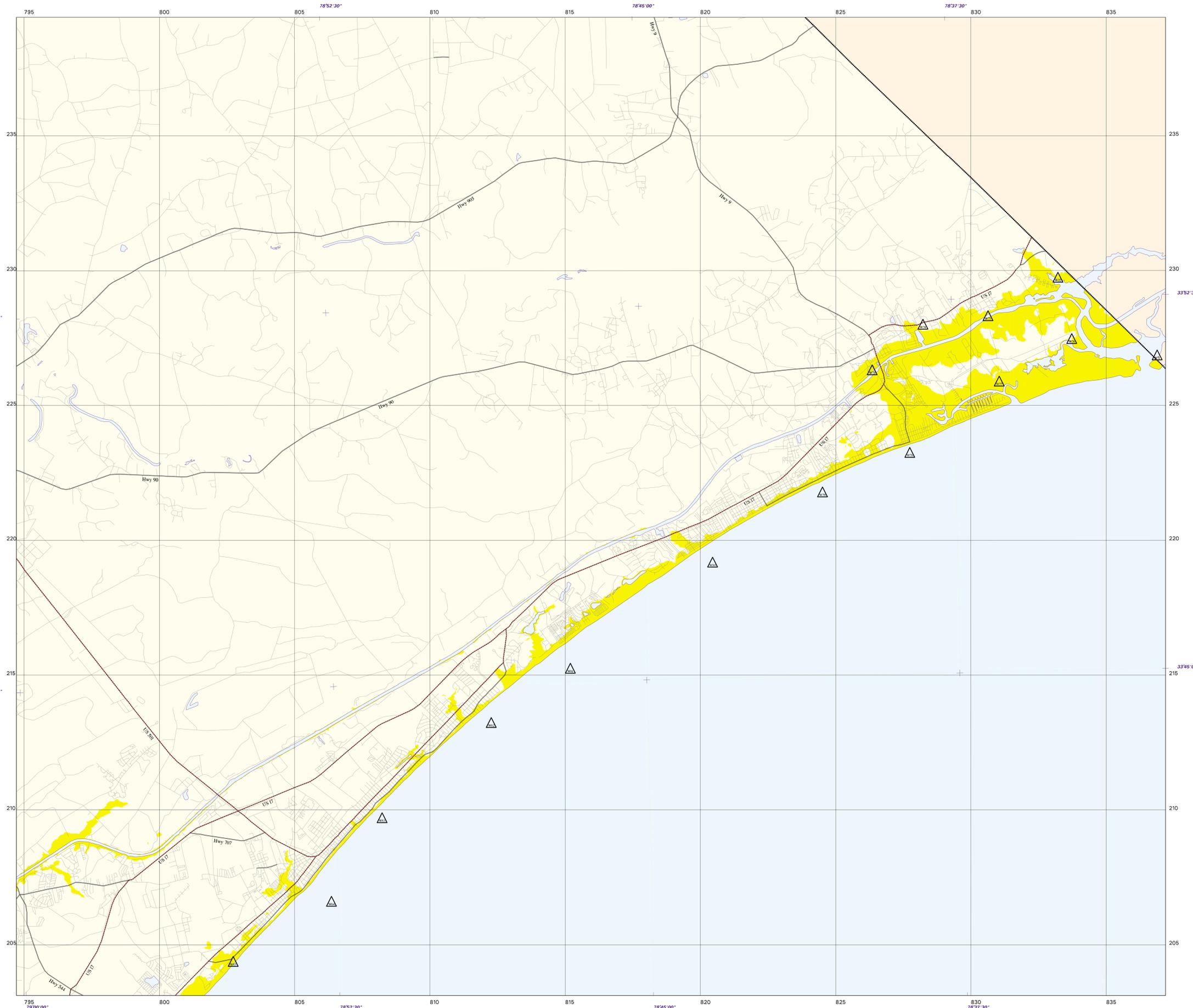
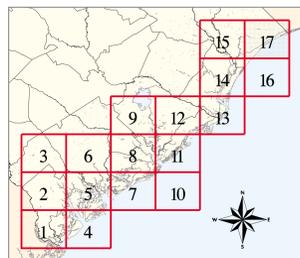
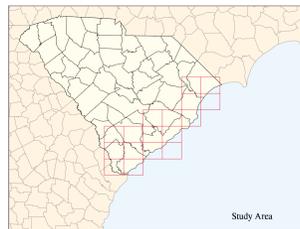
Coastal South Carolina Hurricane Evacuation Restudy

Storm Surge Heights at Time History Points
in Feet Above National Geodetic Vertical Datum (NGVD), 1929

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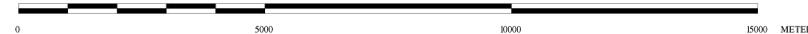
Notes:

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- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- FEMA Q3 Area
- Open Water
- Interstate
- Primary Road
- Secondary Road
- Light Duty Road
- County Boundary

SCALE 1:48,000
One Inch Equals App. 1219 Meters



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Fast (25-35 MPH) Moving Hurricanes
Category 3 Surge Areas

HORRY COUNTY, SOUTH CAROLINA

Source: National Hurricane Center (NHC) SLOSH model results and USGS 1:24000 scale topographic data Plate 17



This product represents a combined effort by the Federal Emergency Management Agency, the U.S. Army Corps of Engineers - Charleston District, and the South Carolina Emergency Preparedness Division

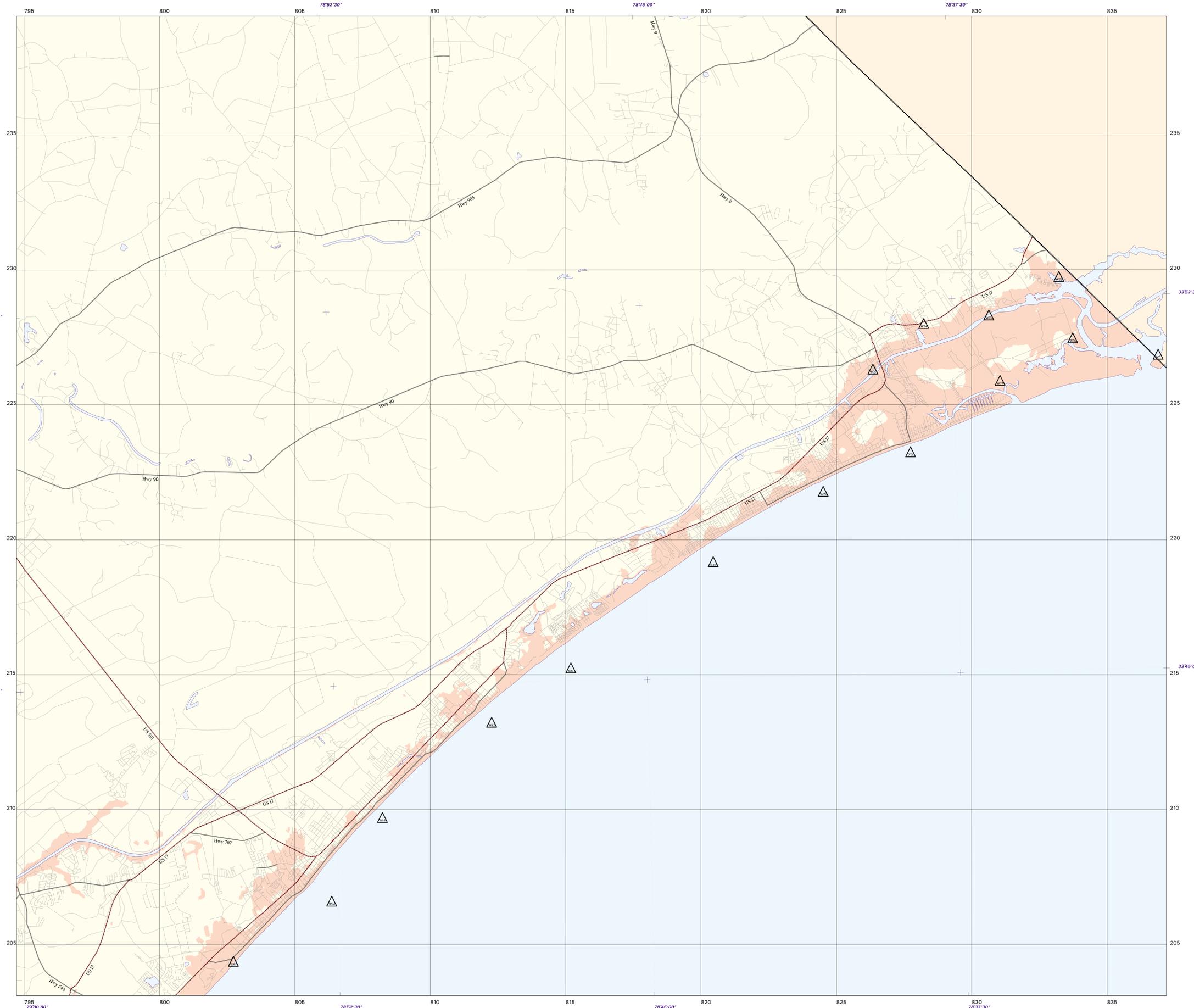
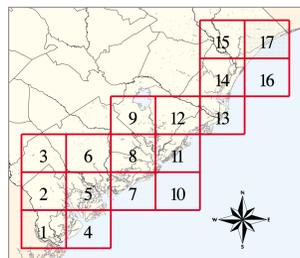
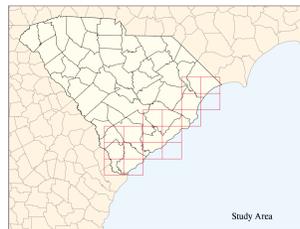
Coastal South Carolina Hurricane Evacuation Restudy

Storm Surge Heights at Time History Points
in Feet Above National Geodetic Vertical Datum (NGVD), 1929

Point	Basin	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5
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	Category 1		Interstate
	Category 2		Primary Road
	Category 3		Secondary Road
	Category 4		Light Duty Road
	Category 5		County Boundary
	FEMA Q3 Area		
	Open Water		

SCALE 1:48,000
One Inch Equals App. 1219 Meters



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Fast (25-35 MPH) Moving Hurricanes
Category 4 Surge Areas

HORRY COUNTY, SOUTH CAROLINA

Source: National Hurricane Center (NHC) SLOSH model results and USGS 1:24000 scale topographic data Plate 17



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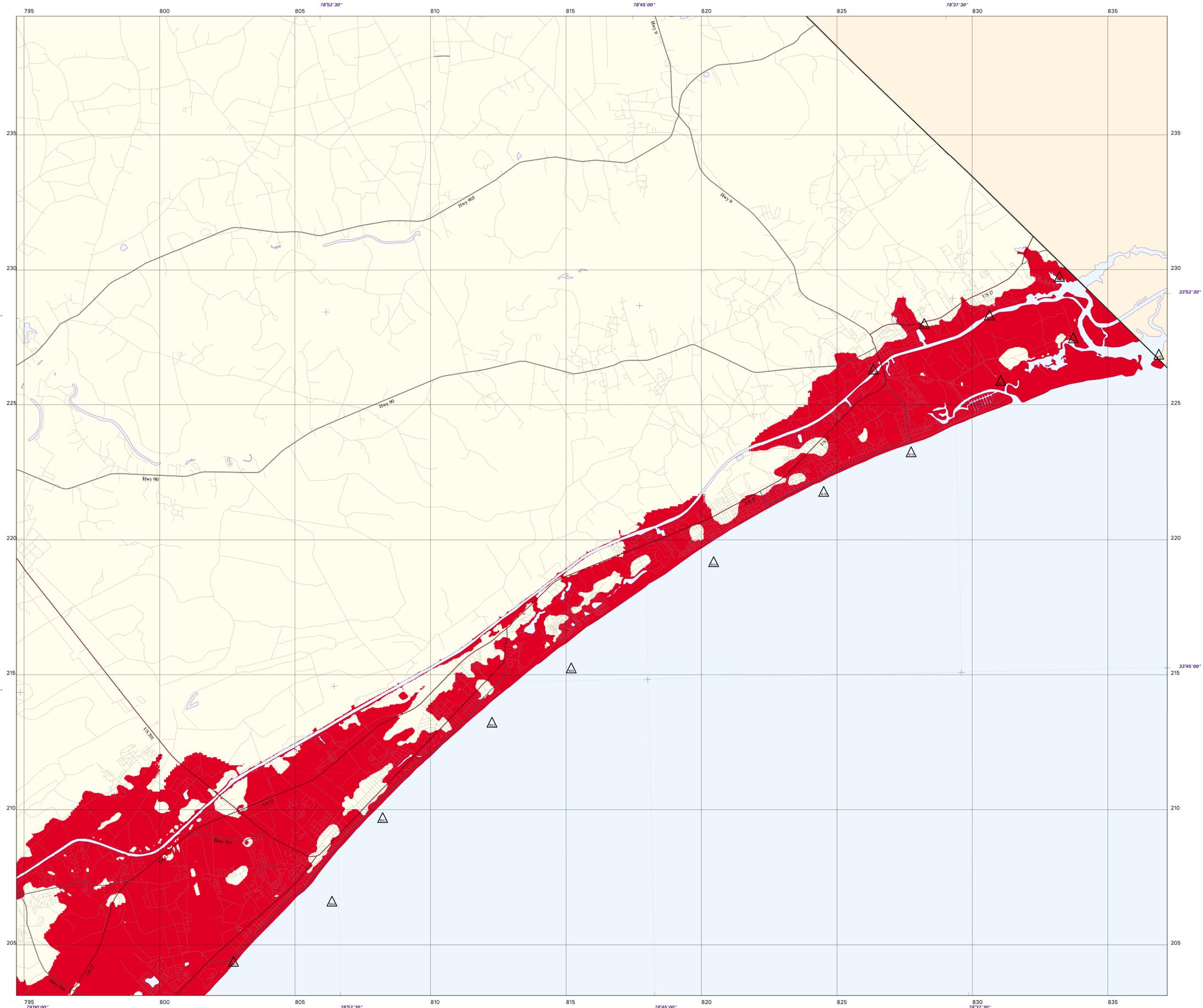
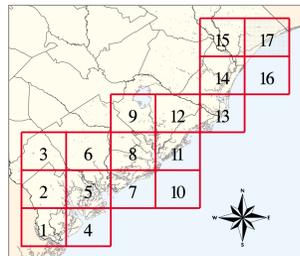
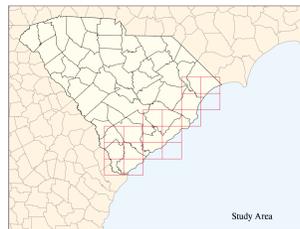
Coastal South Carolina Hurricane Evacuation Restudy

Storm Surge Heights at Time History Points
in Feet Above National Geodetic Vertical Datum (NGVD), 1929

Point	Basin	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5
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W6	Wilmington	9	16	21	26	31
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- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- FEMA Q3 Area
- Open Water
- Interstate
- Primary Road
- Secondary Road
- Light Duty Road
- County Boundary

SCALE 1:48,000
One Inch Equals App. 1219 Meters



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Fast (25-35 MPH) Moving Hurricanes
Category 5 Surge Areas

HORRY COUNTY, SOUTH CAROLINA

Source: National Hurricane Center (NHC) SLOSH model results and USGS 1:24000 scale topographic data Plate 17



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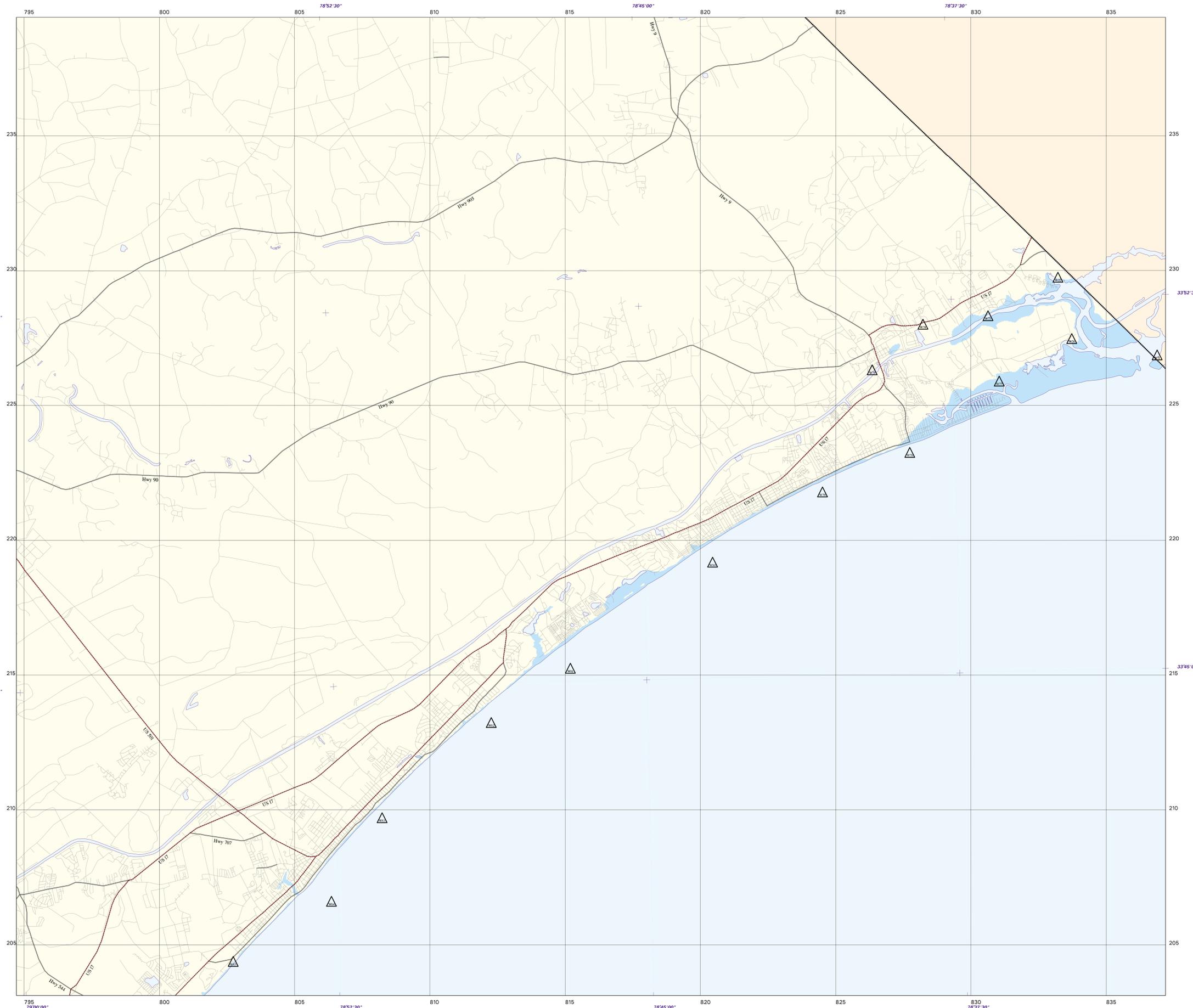
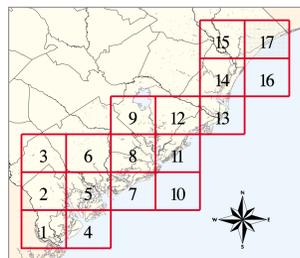
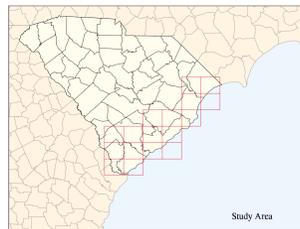
Coastal South Carolina Hurricane Evacuation Restudy

Storm Surge Heights at Time History Points
in Feet Above National Geodetic Vertical Datum (NGVD), 1929

Point	Basin	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5
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W3	Wilmington	8	12	17	20	23
W4	Wilmington	8	12	18	21	23
W6	Wilmington	7	11	15	18	22
W1	Wilmington	7	11	14	18	21
W5	Wilmington	12	18	21	24	
W7	Wilmington	7	11	15	19	22
W8	Wilmington	7	11	15	19	22
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Notes:

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- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- FEMA Q3 Area
- Open Water
- Interstate
- Primary Road
- Secondary Road
- Light Duty Road
- County Boundary

SCALE 1:48,000
One Inch Equals App. 1219 Meters



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Normal (5-15 MPH) Moving Hurricanes
Category 1 Surge Areas

HORRY COUNTY, SOUTH CAROLINA

Source: National Hurricane Center (NHC) SLOSH model results and USGS 1:24000 scale topographic data Plate 17



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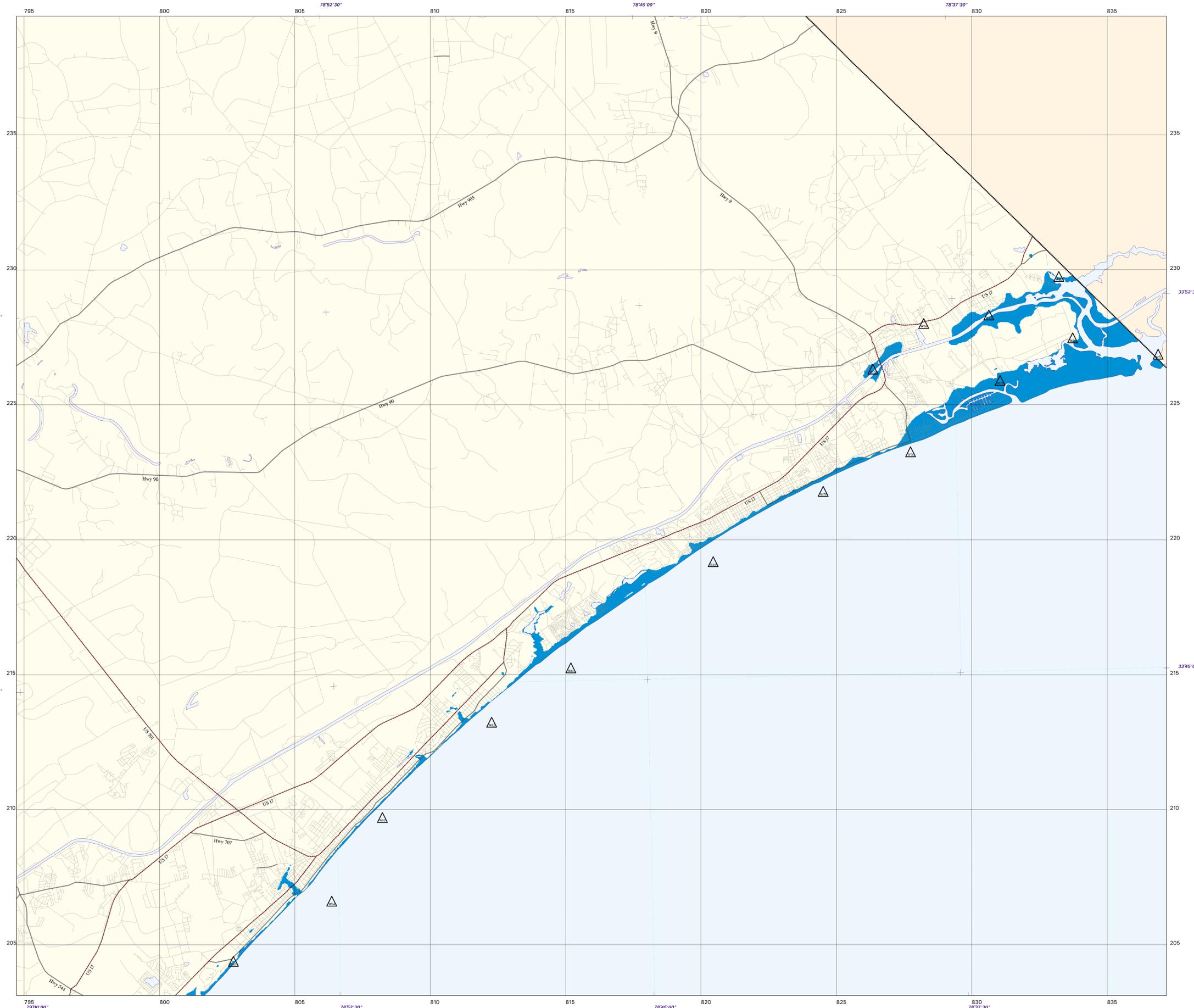
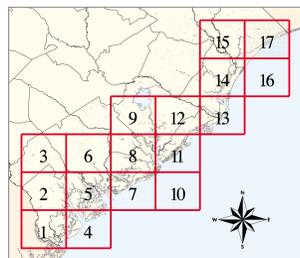
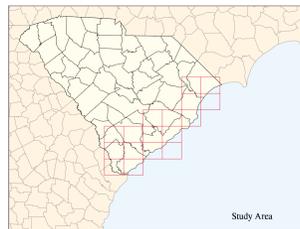
Coastal South Carolina Hurricane Evacuation Restudy

Storm Surge Heights at Time History Points
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- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- FEMA Q3 Area
- Open Water
- Interstate
- Primary Road
- Secondary Road
- Light Duty Road
- County Boundary

SCALE 1:48,000
One Inch Equals App. 1219 Meters



Normal (5-15 MPH) Moving Hurricanes
Category 2 Surge Areas



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HORRY COUNTY, SOUTH CAROLINA
Source: National Hurricane Center (NHC) SLOSH model results and USGS 1:24000 scale topographic data Plate 17

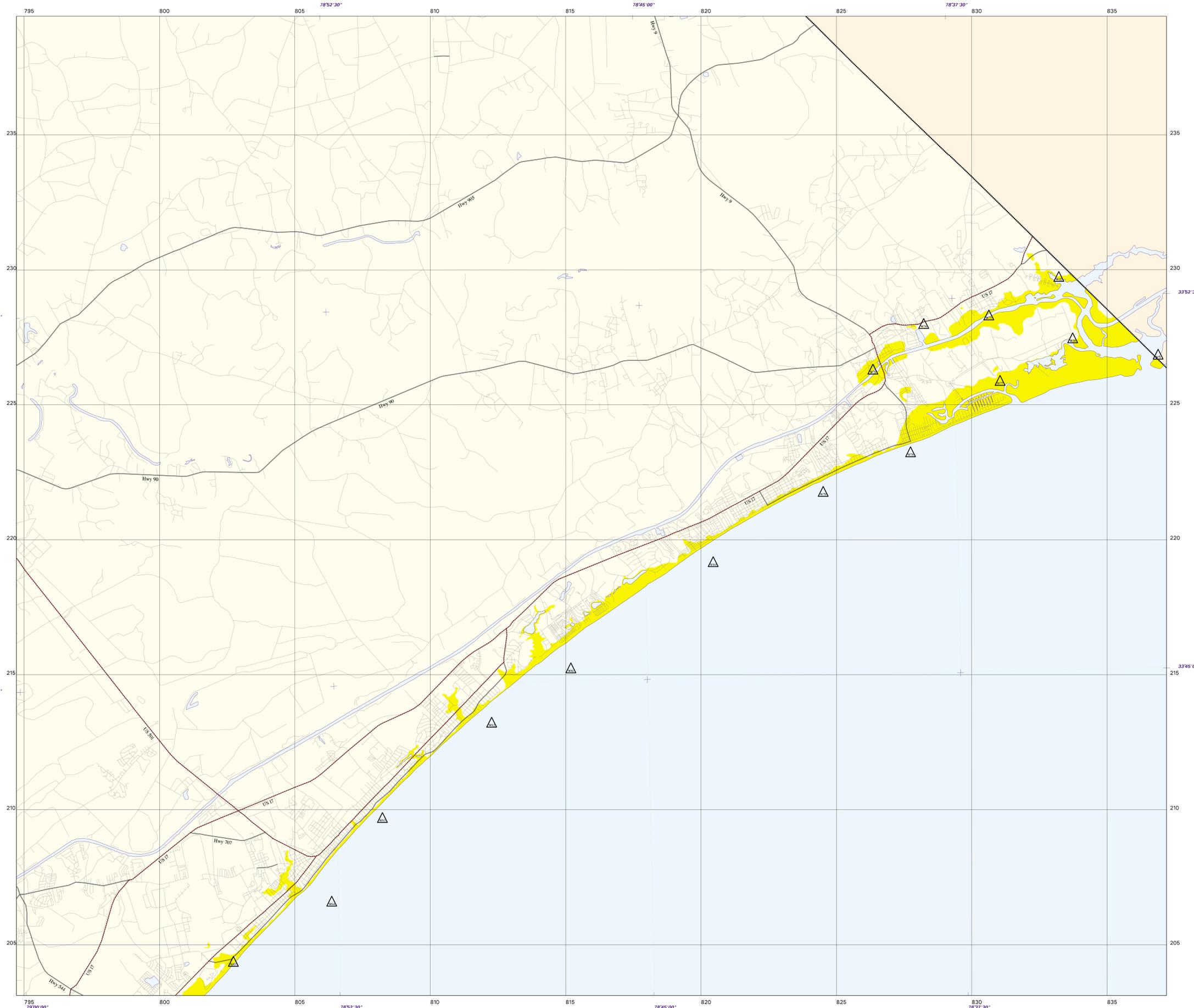
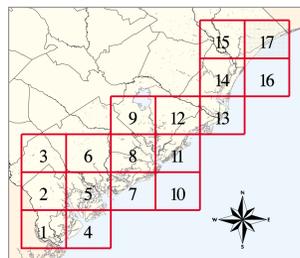
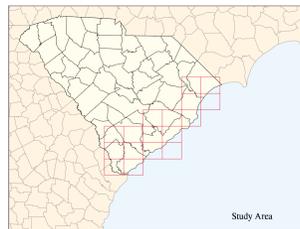
Coastal South Carolina Hurricane Evacuation Restudy

Storm Surge Heights at Time History Points
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- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- FEMA Q3 Area
- Open Water
- Interstate
- Primary Road
- Secondary Road
- Light Duty Road
- County Boundary

SCALE 1:48,000
One Inch Equals App. 1219 Meters



Normal (5-15 MPH) Moving Hurricanes
Category 3 Surge Areas

HORRY COUNTY, SOUTH CAROLINA

Source: National Hurricane Center (NHC) SLOSH model results and USGS 1:24000 scale topographic data Plate 17



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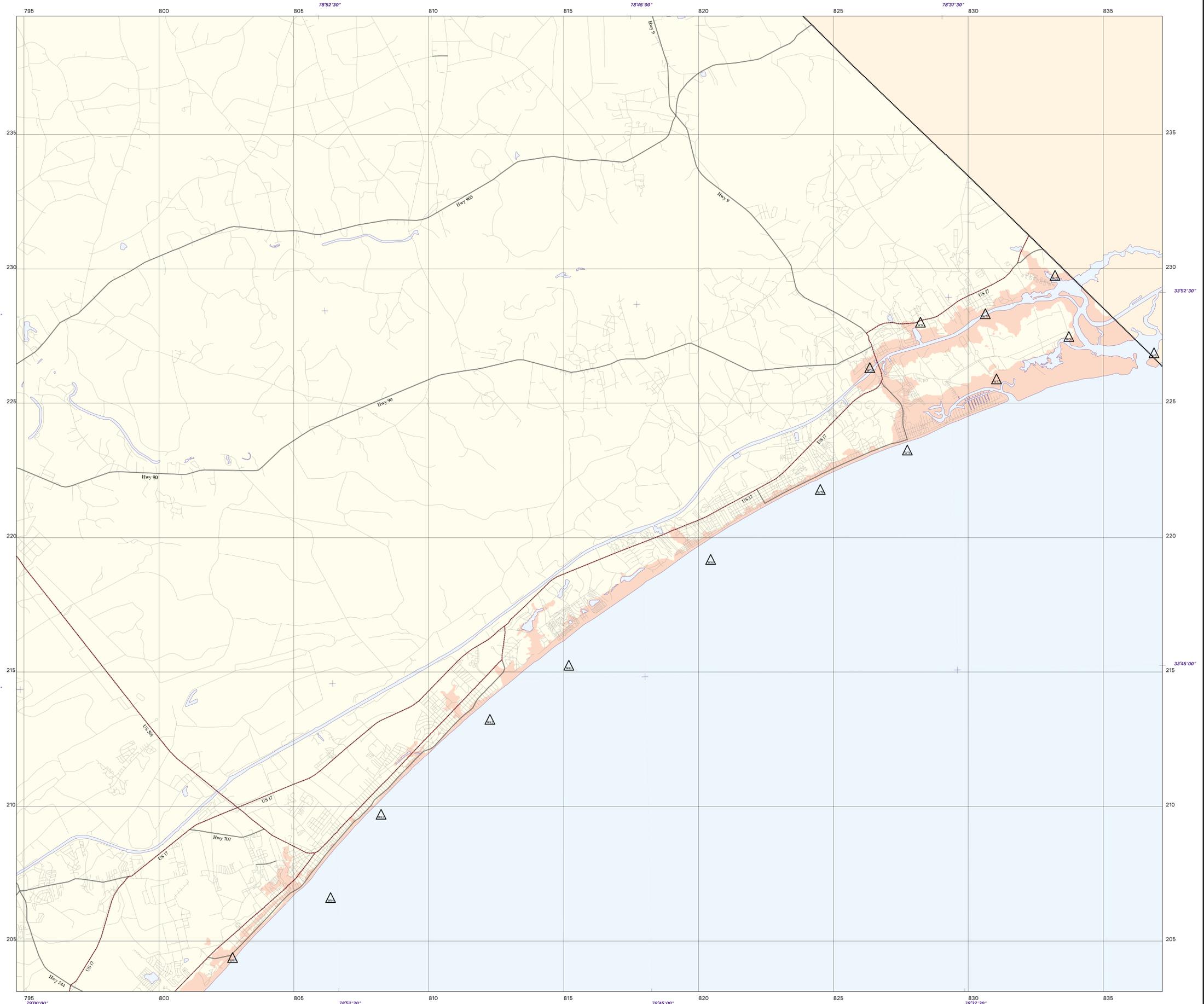
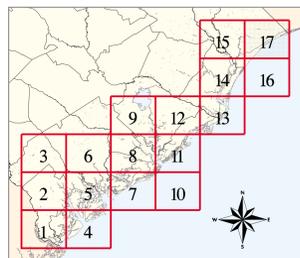
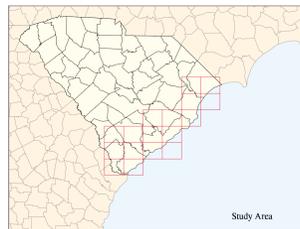
Coastal South Carolina Hurricane Evacuation Restudy

Storm Surge Heights at Time History Points
in Feet Above National Geodetic Vertical Datum (NGVD), 1929

Point	Basin	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5
W2	Wilmington	7	11	16	19	22
W3	Wilmington	8	12	17	20	23
W4	Wilmington	8	12	18	21	23
W6	Wilmington	7	11	15	18	22
W1	Wilmington	7	11	14	18	21
W5	Wilmington	12	18	21	24	
W7	Wilmington	7	11	15	19	22
W8	Wilmington	7	11	15	19	22
W9	Wilmington	8	11	15	19	22
W0	Wilmington	8	12	16	19	23
W1	Wilmington	8	12	16	19	23
W2	Wilmington	8	12	16	19	23
W3	Wilmington	8	12	16	20	23
W4	Wilmington	8	12	16	20	23
W5	Wilmington	8	12	16	20	24

Notes:

1. Surge Limits are based on still-water total storm surge heights at mean high tide with no wave setup included (Elevations above National Geodetic Vertical Datum).
2. Source of Base Mapping is USGS Quadrangle Maps.
3. Total storm surge limits were determined by interpolating still-water total surge elevations at high tide onto the most current 7.5 minute USGS quadrangle maps. Accuracy and precision of surge limits are governed by the currency, accuracy, and tolerance of the quadrangle maps.
4. This set of maps is to be used in connection with analyzing risks for emergency management and evacuation purposes. They should not be used as a basis for permitting.



- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- FEMA Q3 Area
- Open Water
- Interstate
- Primary Road
- Secondary Road
- Light Duty Road
- County Boundary

SCALE 1:48,000
One Inch Equals App. 1219 Meters



The black numbered grid around the map neartline indicates the 1000 meter State Plane Coordinate Grid, FIPSZONE 3900, NAD83 Datum for South Carolina. The last three digits of the grid numbers are omitted.

Normal (5-15 MPH) Moving Hurricanes
Category 4 Surge Areas

HORRY COUNTY, SOUTH CAROLINA

Source: National Hurricane Center (NHC) SLOSH model results and USGS 1:24000 scale topographic data Plate 17



This product represents a combined effort by the Federal Emergency Management Agency, the U.S. Army Corps of Engineers - Charleston District, and the South Carolina Emergency Preparedness Division

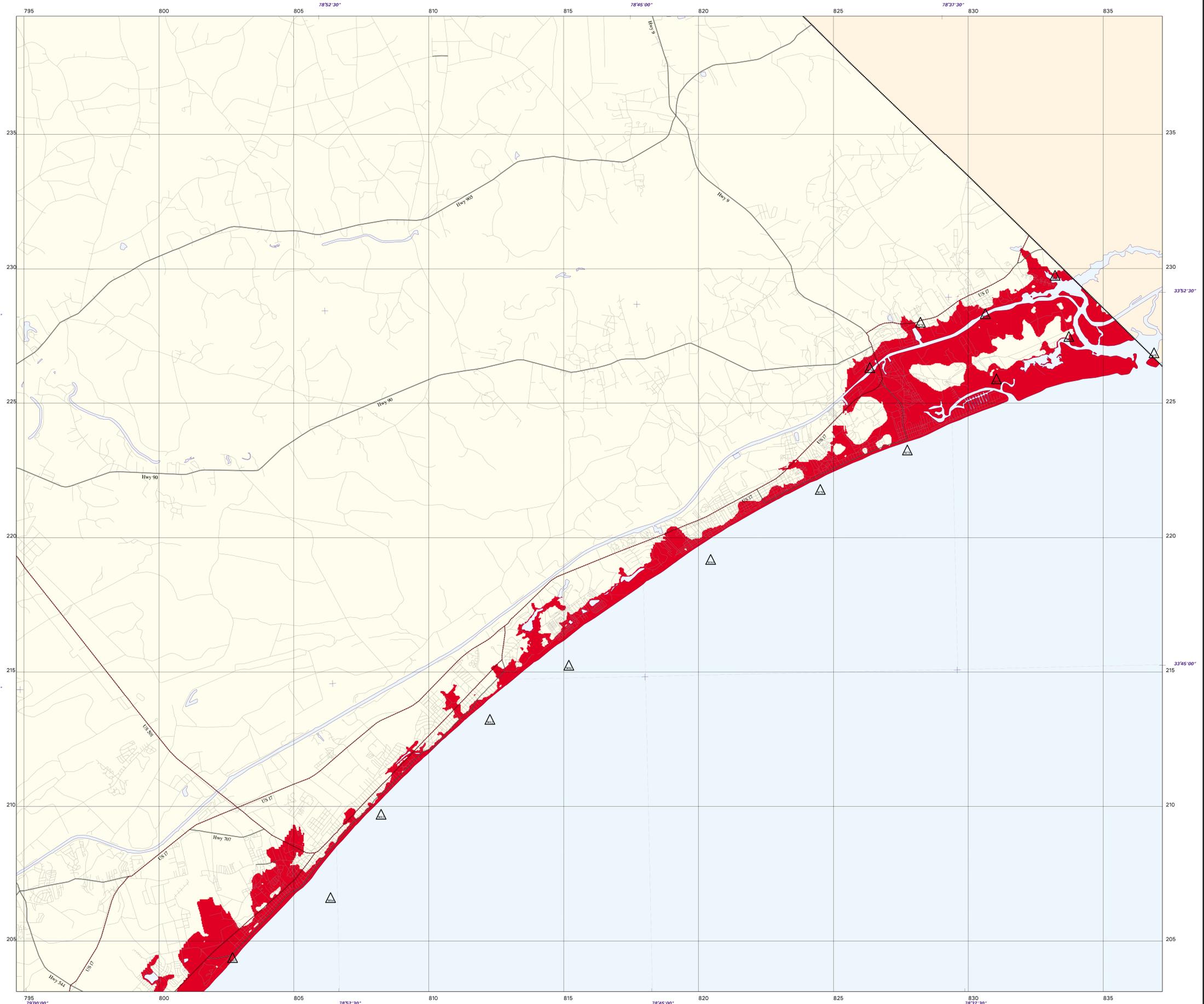
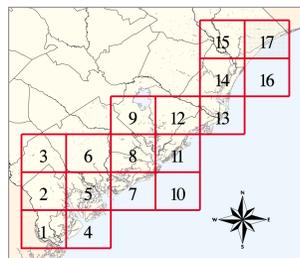
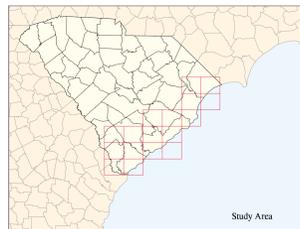
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- Category 1
- Category 2
- Category 3
- Category 4
- Category 5
- FEMA Q3 Area
- Open Water
- Interstate
- Primary Road
- Secondary Road
- Light Duty Road
- County Boundary

SCALE 1:48,000
One Inch Equals App. 1219 Meters



Normal (5-15 MPH) Moving Hurricanes
Category 5 Surge Areas

HORRY COUNTY, SOUTH CAROLINA

Source: National Hurricane Center (NHC) SLOSH model results and USGS 1:24000 scale topographic data Plate 17



This product represents a combined effort by the Federal Emergency Management Agency, the U.S. Army Corps of Engineers - Charleston District, and the South Carolina Emergency Preparedness Division

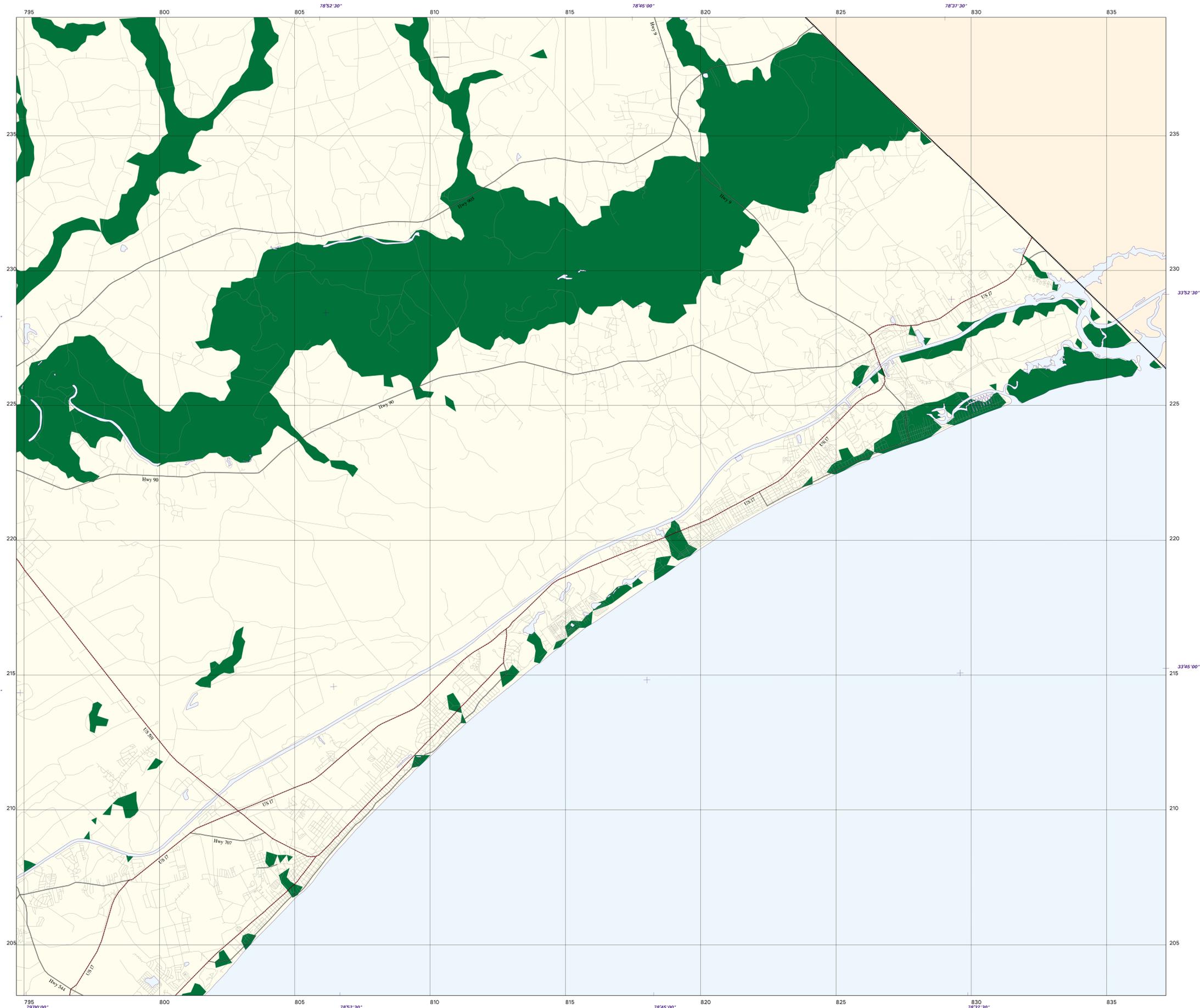
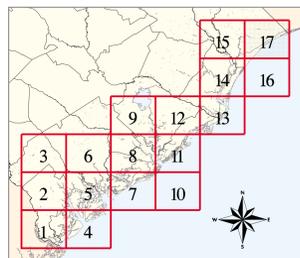
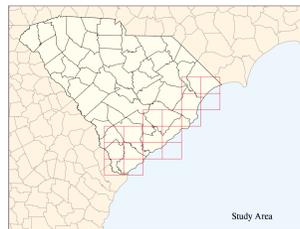
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Coastal South Carolina Hurricane Evacuation Restudy

Storm Surge Heights at Time History Points
in Feet Above National Geodetic Vertical Datum (NGVD), 1929

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- | | | | |
|--|--------------|--|-----------------|
| | Category 1 | | Interstate |
| | Category 2 | | Primary Road |
| | Category 3 | | Secondary Road |
| | Category 4 | | Light Duty Road |
| | Category 5 | | County Boundary |
| | FEMA Q3 Area | | |
| | Open Water | | |

SCALE 1:48,000
One Inch Equals App. 1219 Meters

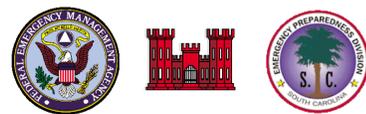


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FEMA Q3 Areas
Combined A, AE, and VE Flood Hazard Zones

HORRY COUNTY, SOUTH CAROLINA

Source: Federal Emergency Management Agency (FEMA) Flood Hazard Mapping Program Plate 17



This product represents a combined effort by the Federal Emergency Management Agency, the U.S. Army Corps of Engineers - Charleston District, and the South Carolina Emergency Preparedness Division