

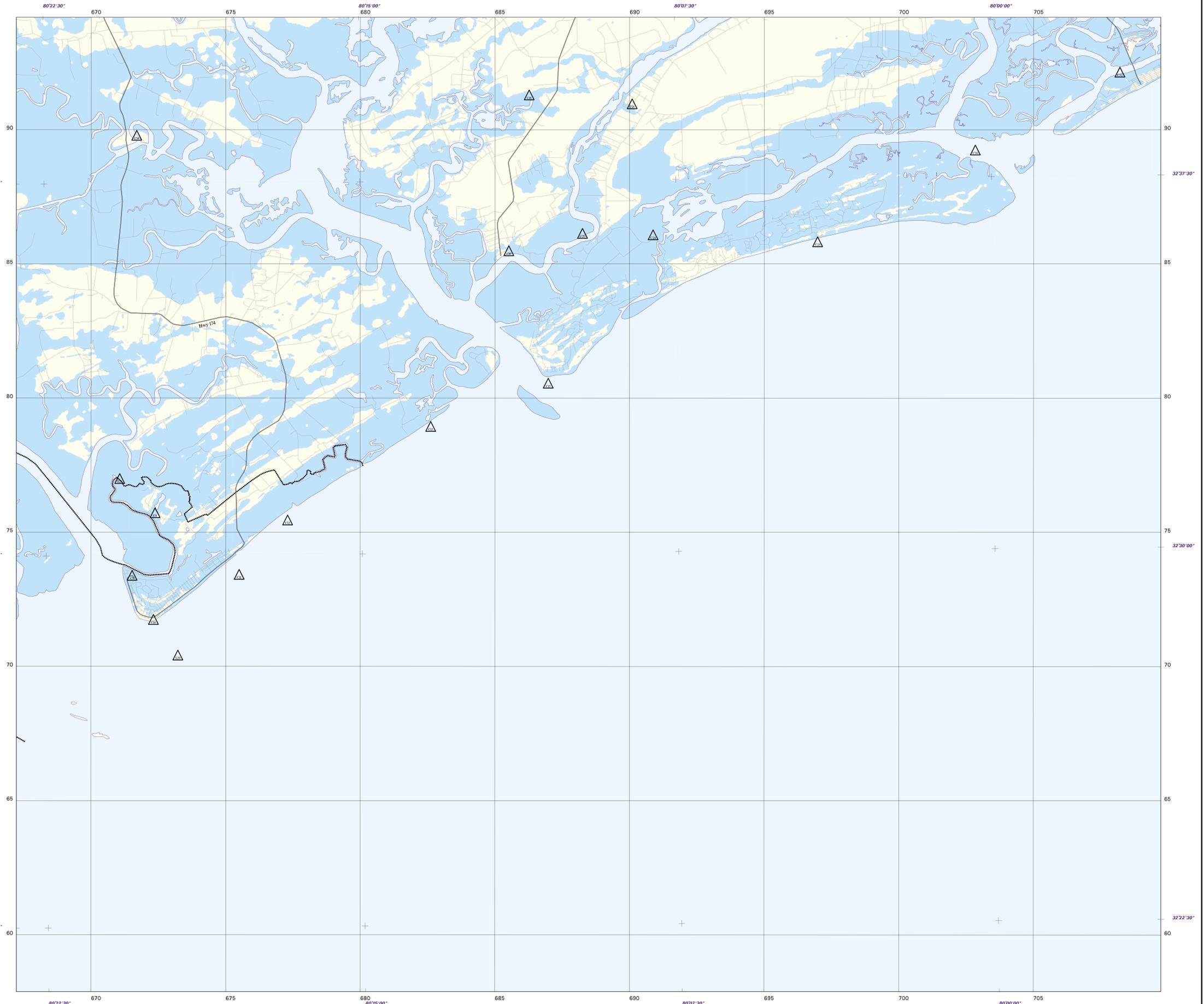
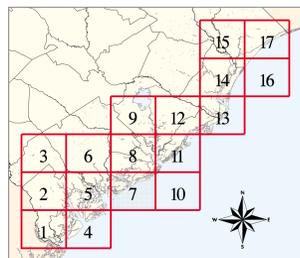
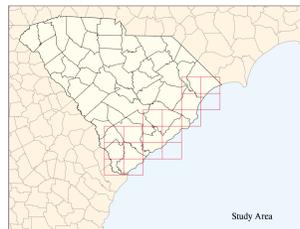
# Coastal South Carolina Hurricane Evacuation Restudy

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
C32	Charleston	9	13	16	19	22
C18	Charleston	8	13	19	22	23
C21	Charleston	14	19	21	25	
C14	Charleston	9	13	19	22	28
C30	Charleston	9	13	17	20	23
C20	Charleston	9	15	19	21	23
C24	Charleston	9	14	19	21	23
C25	Charleston	9	13	19	20	23
C19	Charleston	8	15	19	20	23
C15	Charleston	9	13	19	19	22
C13	Charleston	9	13	18	19	26
S28	Savannah	10	15	19	22	26
C8	Charleston	10	15	19	22	26
C12	Charleston	10	14	19	19	26
C11	Charleston	10	14	19	19	25
C9	Charleston	10	14	19	19	26
C10	Charleston	10	14	18	19	25
S29	Savannah	10	14	18	21	25

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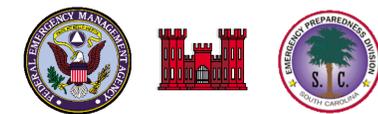
	Category 1		Interstate
	Category 2		Primary Road
	Category 3		Secondary Road
	Category 4		Light Duty Road
	Category 5		County Boundary
	FEMA Q3 Area		
	Open Water		

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



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



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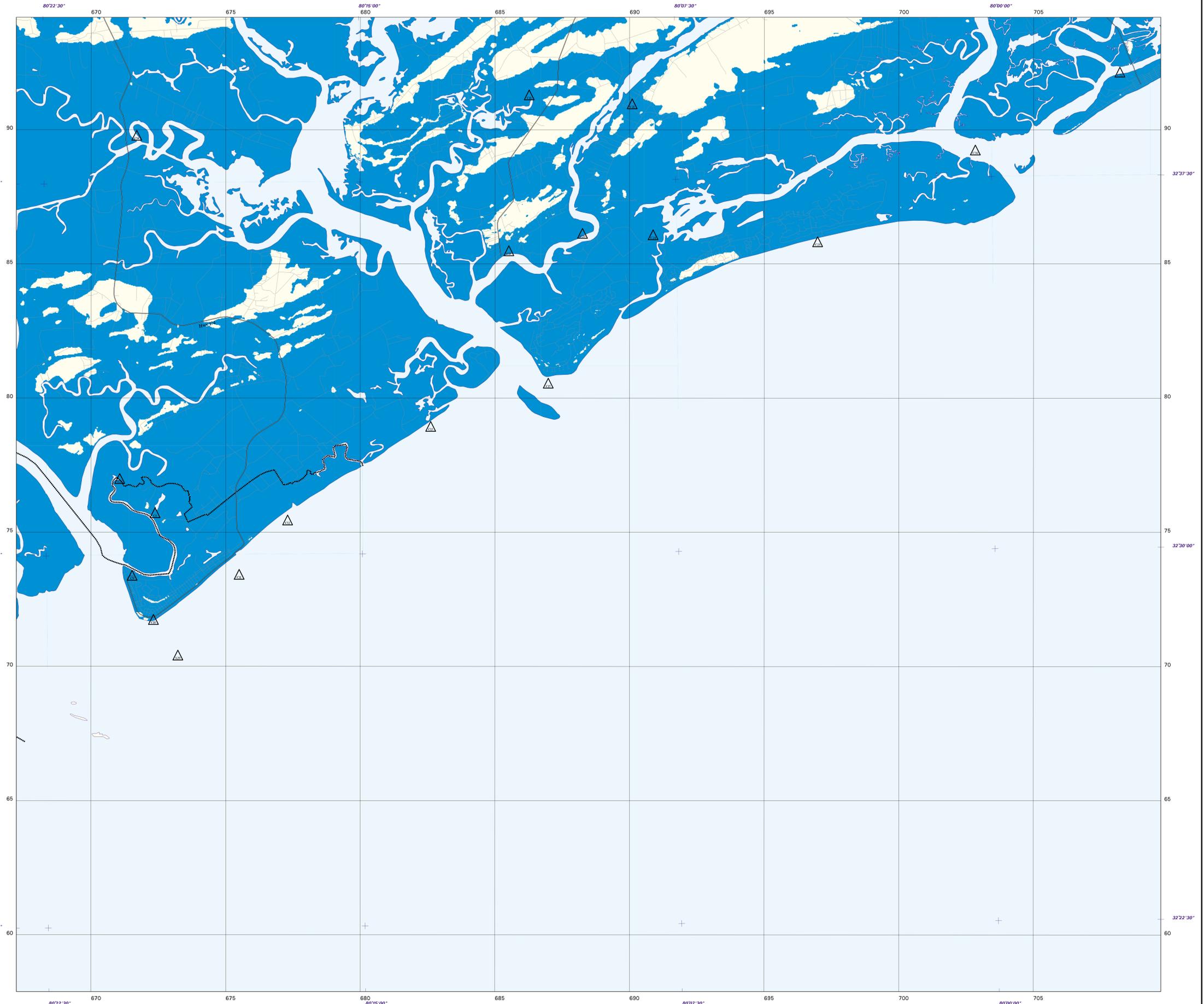
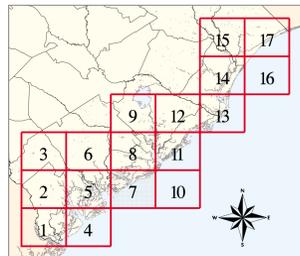
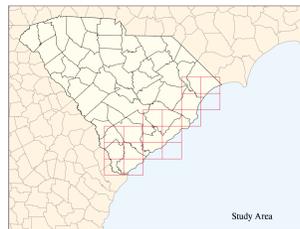
# Coastal South Carolina Hurricane Evacuation Restudy

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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C14	Charleston	9	13	19	22	28
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C24	Charleston	9	14	19	21	23
C25	Charleston	9	13	19	20	23
C19	Charleston	8	15	19	20	23
C15	Charleston	9	13	19	19	22
C13	Charleston	9	13	18	19	26
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C11	Charleston	10	14	19	19	25
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C10	Charleston	10	14	18	19	25
S29	Savannah	10	14	18	21	25

Notes:

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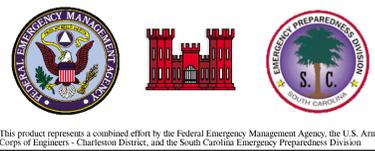
	Category 1		Interstate
	Category 2		Primary Road
	Category 3		Secondary Road
	Category 4		Light Duty Road
	Category 5		County Boundary
	FEMA Q3 Area		
	Open Water		

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



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 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

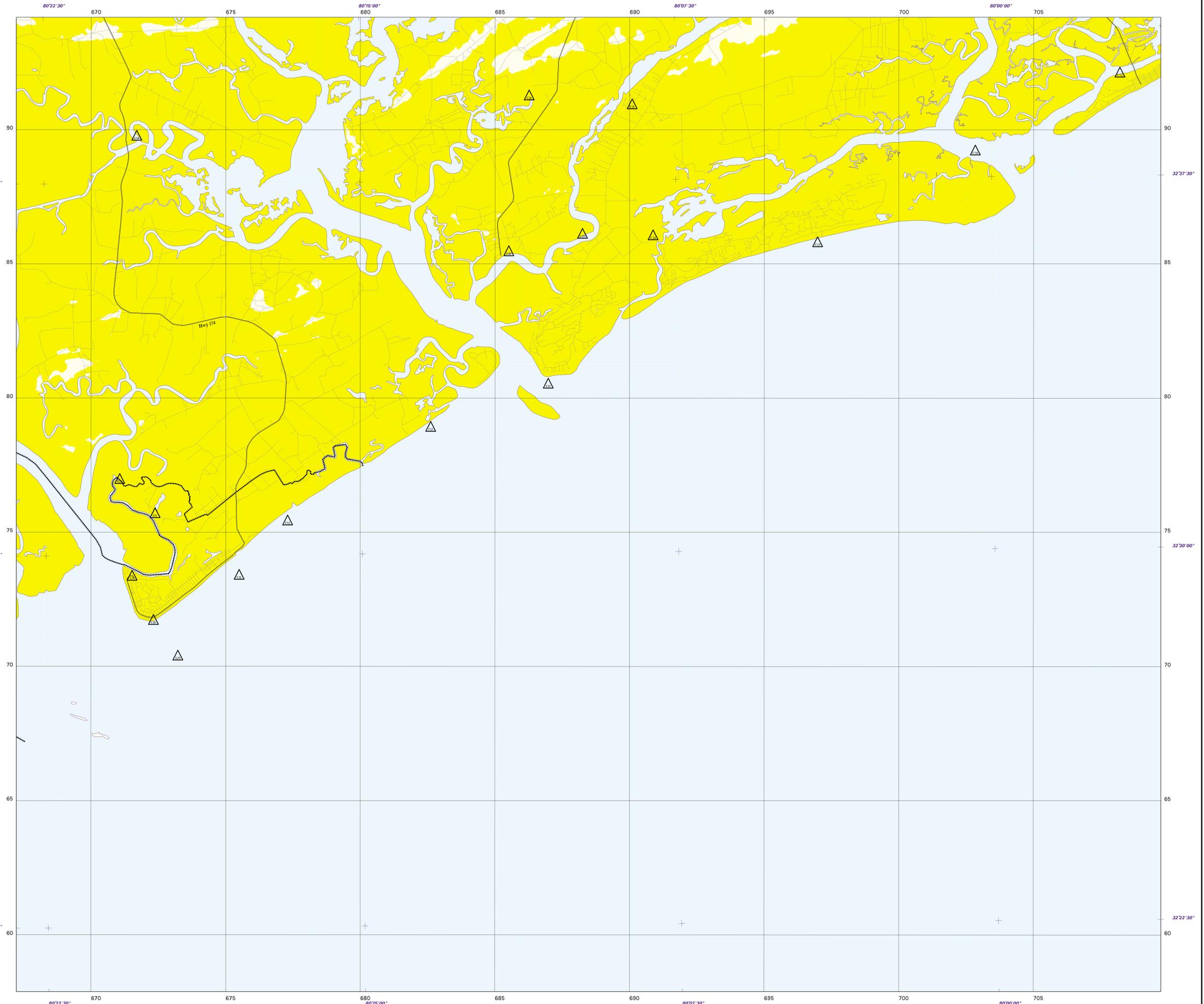
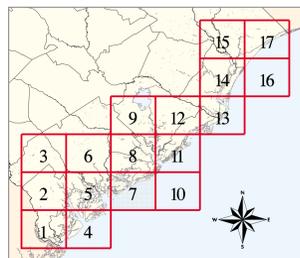
# Coastal South Carolina Hurricane Evacuation Restudy

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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C10	Charleston	10	14	18	19	25
S29	Savannah	10	14	18	21	25

Notes:

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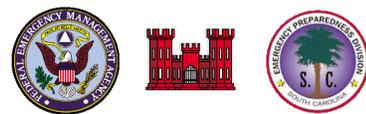
	Category 1		Interstate
	Category 2		Primary Road
	Category 3		Secondary Road
	Category 4		Light Duty Road
	Category 5		County Boundary
	FEMA Q3 Area		
	Open Water		

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



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 3 Surge Areas



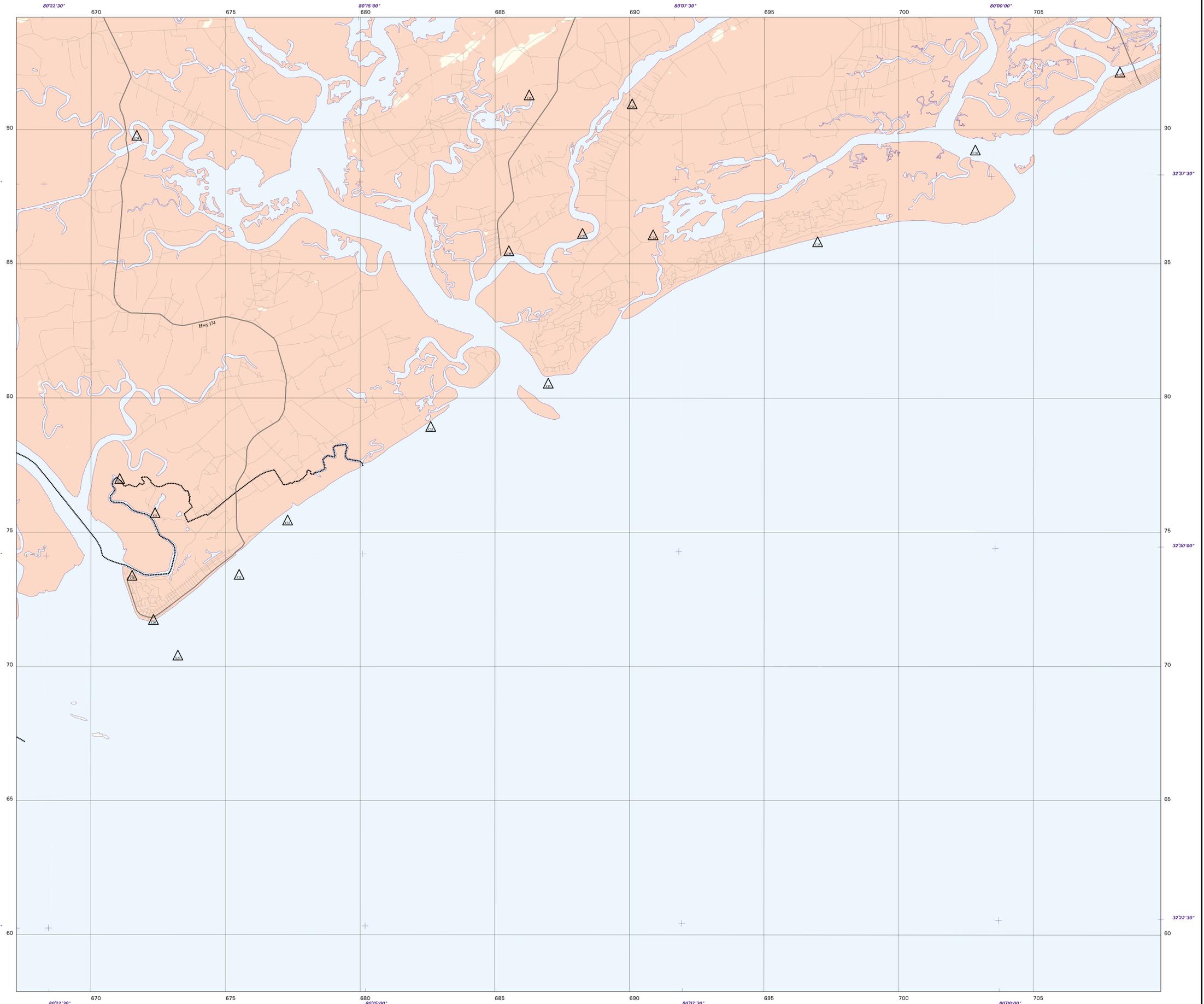
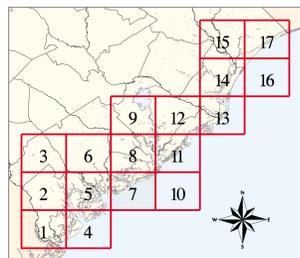
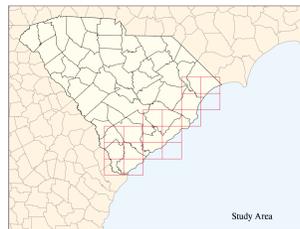
# Coastal South Carolina Hurricane Evacuation Restudy

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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C25	Charleston	9	13	19	20	23
C19	Charleston	8	15	19	20	23
C15	Charleston	9	13	19	19	22
C13	Charleston	9	13	18	19	26
S28	Savannah	10	15	19	22	26
C8	Charleston	10	15	19	22	26
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C11	Charleston	10	14	19	19	25
C9	Charleston	10	14	19	19	26
C10	Charleston	10	14	18	19	25
S29	Savannah	10	14	18	21	25

**Notes:**

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2. Source of Base Mapping is USGS Quadrangle Maps.
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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



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.



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

COLLETON/CHARLESTON COUNTY, SOUTH CAROLINA  
Source: National Hurricane Center (NHC) SLOSH model results and USGS 1:24000 scale topographic data  
Plate 7

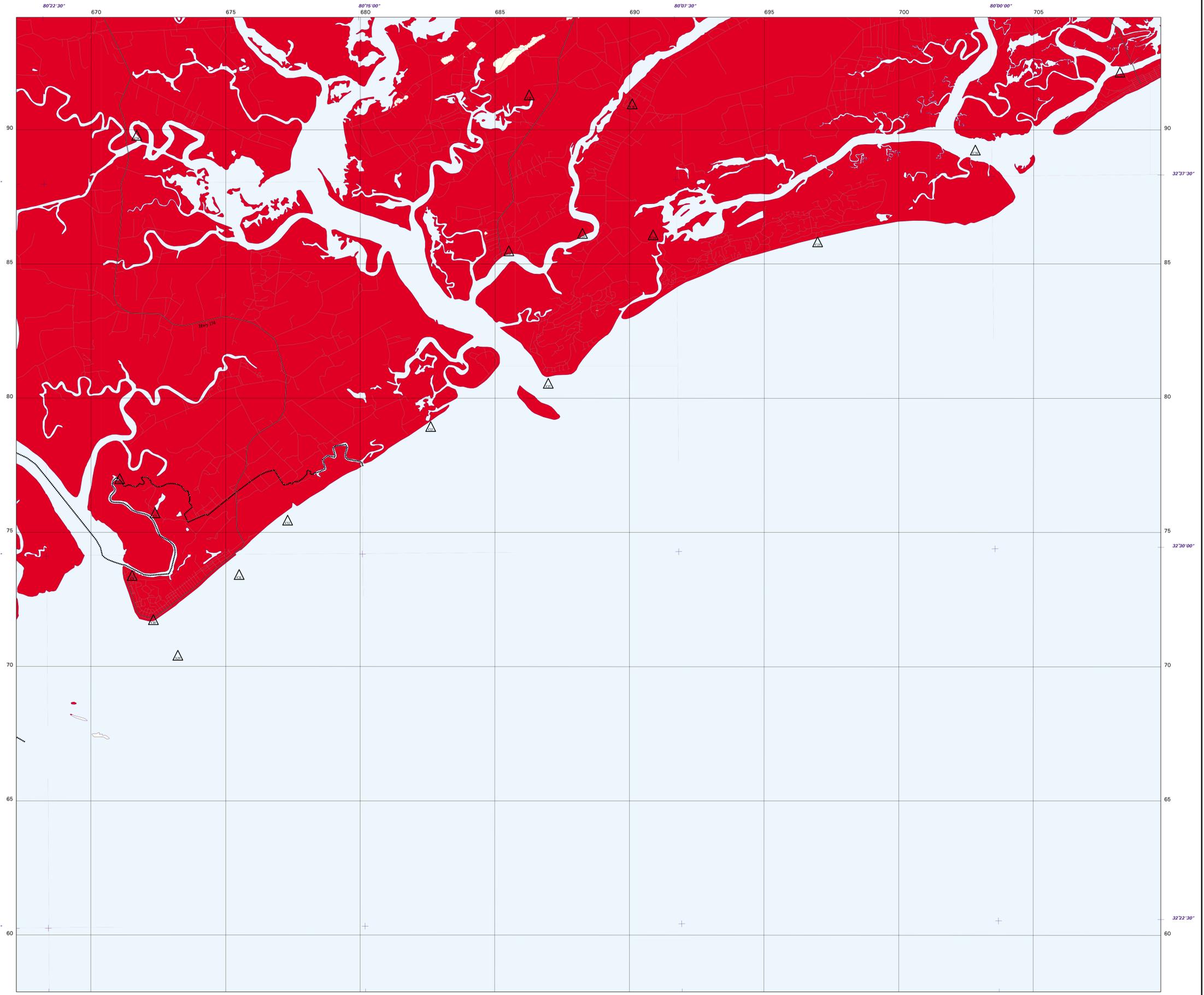
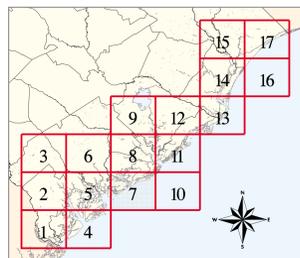
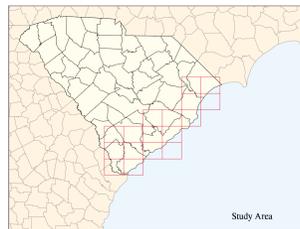
# Coastal South Carolina Hurricane Evacuation Restudy

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

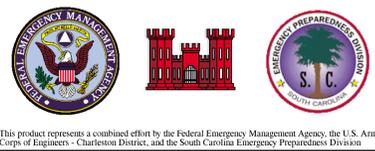
Point	Basin	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5
C32	Charleston	9	13	16	19	22
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C21	Charleston	14	19	21	25	
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C24	Charleston	9	14	19	21	23
C25	Charleston	9	13	19	20	23
C19	Charleston	8	15	19	20	23
C15	Charleston	9	13	19	19	22
C13	Charleston	9	13	18	19	26
S28	Savannah	10	15	19	22	26
C8	Charleston	10	15	19	22	26
C12	Charleston	10	14	19	19	26
C11	Charleston	10	14	19	19	25
C9	Charleston	10	14	19	19	26
C10	Charleston	10	14	18	19	25
S29	Savannah	10	14	18	21	25

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.
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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		



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

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

COLLETON/CHARLESTON COUNTY, SOUTH CAROLINA  
Source: National Hurricane Center (NHC) SLOSH model results and USGS 1:24000 scale topographic data Plate 7

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.

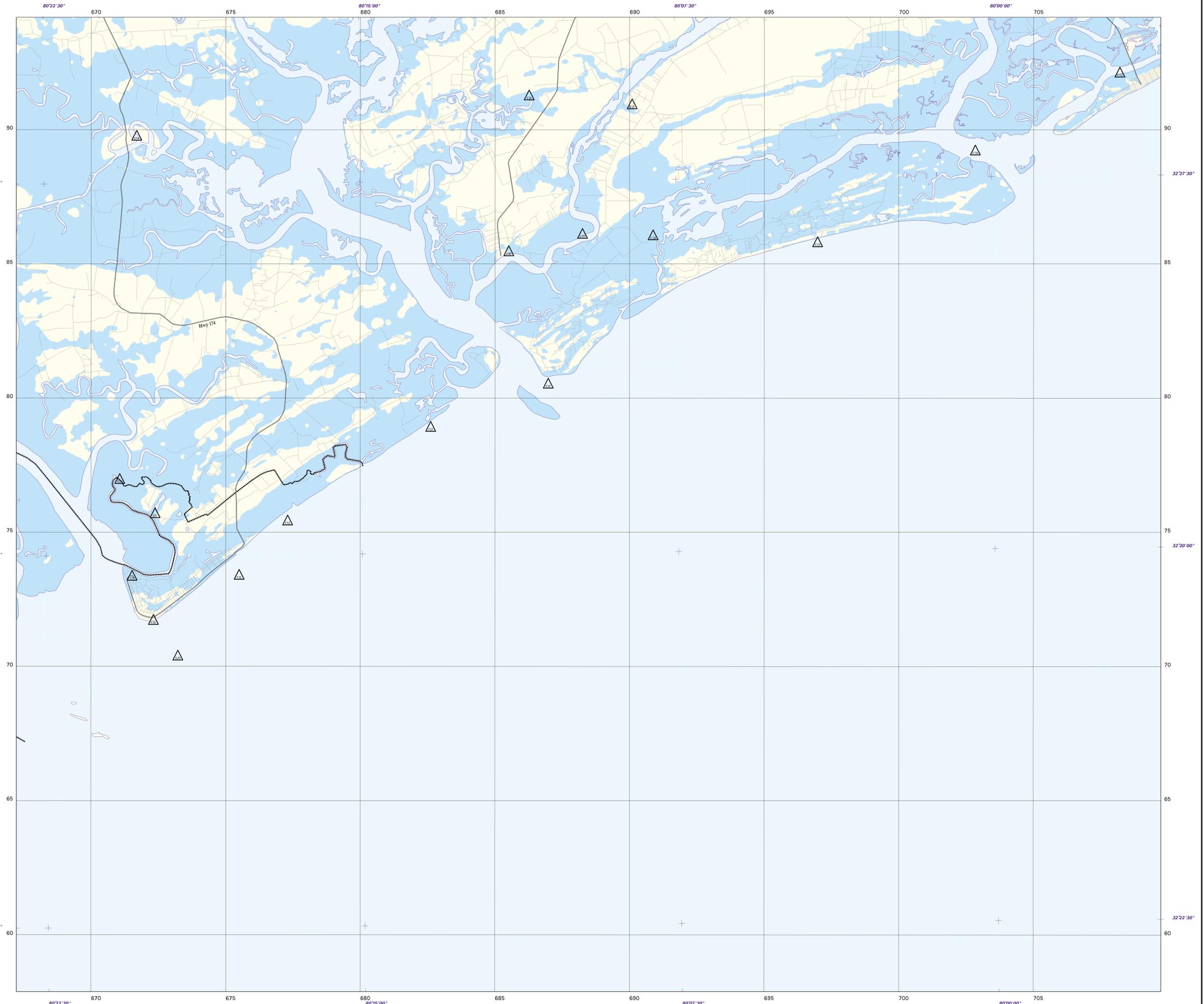
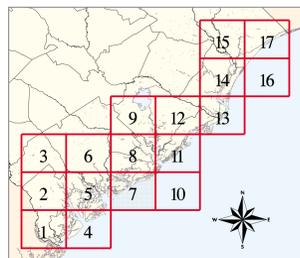
# Coastal South Carolina Hurricane Evacuation Restudy

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
C32	Charleston	7	11	14	17	19
C18	Charleston	7	10	14	17	19
C21	Charleston	10	14	17	19	
C14	Charleston	7	11	15	18	21
C30	Charleston	7	11	14	17	19
C20	Charleston	7	11	14	17	19
C24	Charleston	7	11	14	17	20
C25	Charleston	7	11	14	17	19
C19	Charleston	7	11	14	17	19
C15	Charleston	8	11	14	17	19
C13	Charleston	8	11	14	17	20
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C12	Charleston	8	11	14	17	20
C11	Charleston	8	11	14	17	20
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C10	Charleston	8	11	14	17	20
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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

COLLETON/CHARLESTON COUNTY, SOUTH CAROLINA  
Source: National Hurricane Center (NHC) SLOSH model results and USGS 1:24000 scale topographic data Plate 7



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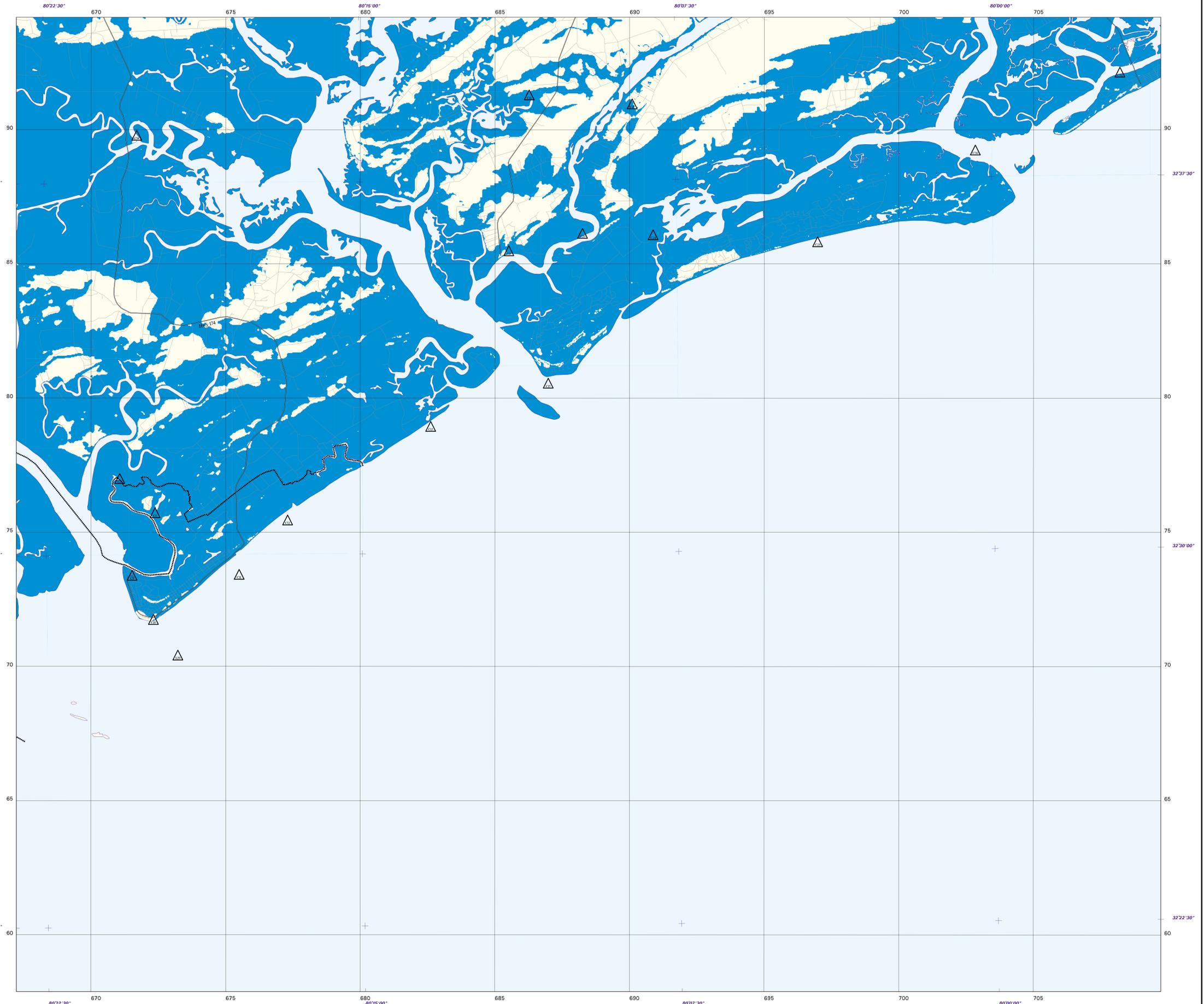
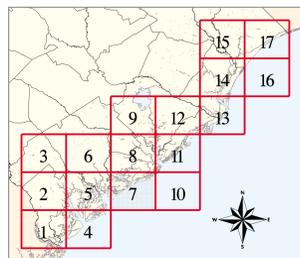
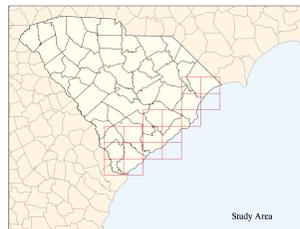
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in Feet Above National Geodetic Vertical Datum (NGVD), 1929

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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 2 Surge Areas

COLLETON/CHARLESTON COUNTY, SOUTH CAROLINA  
Source: National Hurricane Center (NHC) SLOSH model results and USGS 1:24000 scale topographic data Plate 7



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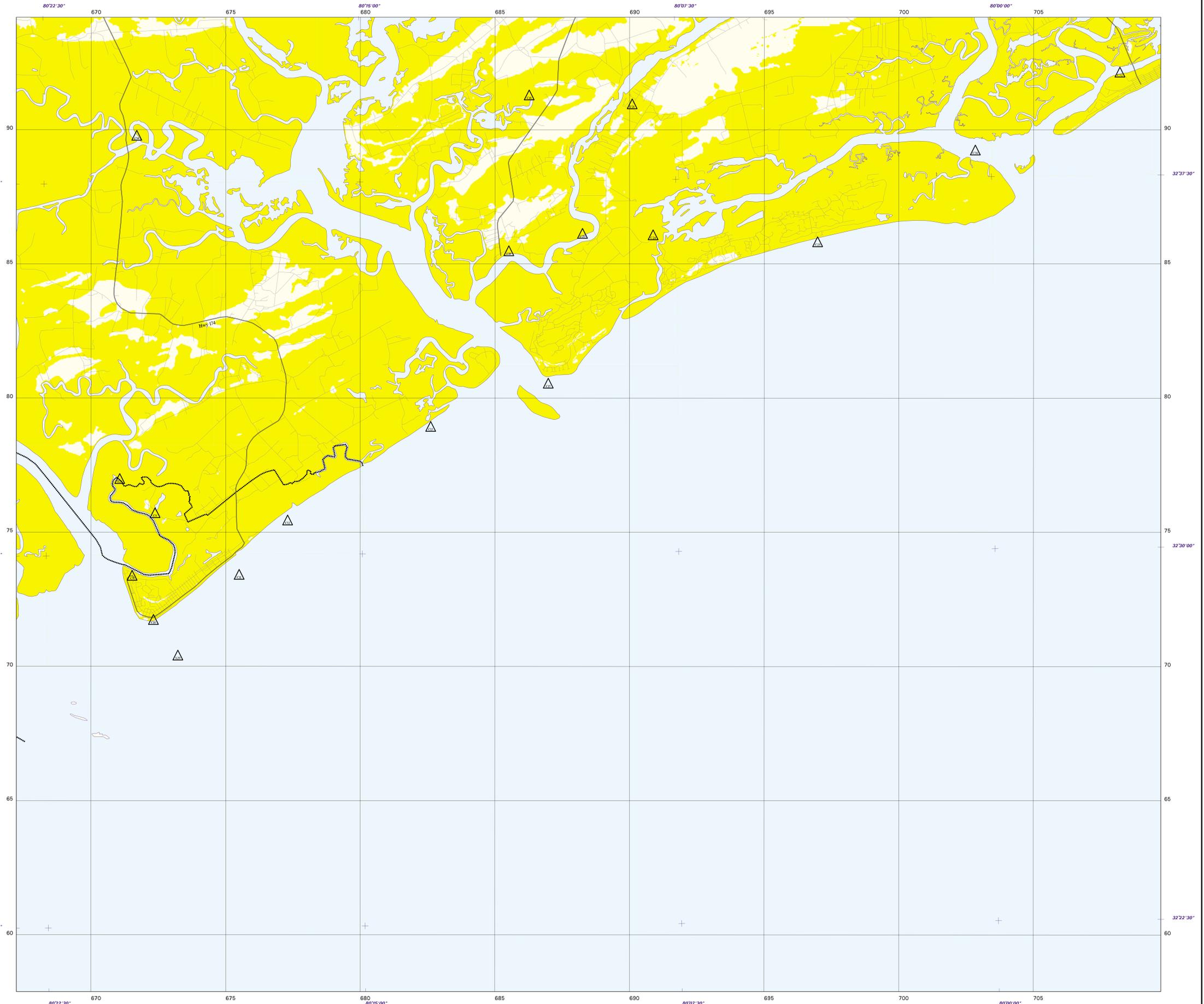
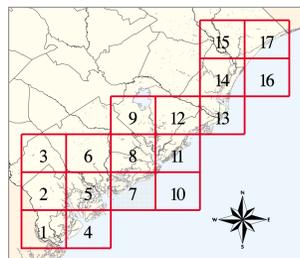
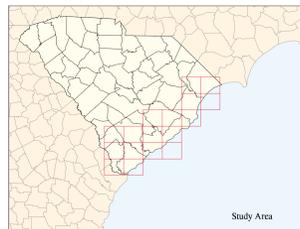
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C25	Charleston	7	11	14	17	19
C19	Charleston	7	11	14	17	19
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C8	Charleston	8	11	14	17	20
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C11	Charleston	8	11	14	17	20
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C10	Charleston	8	11	14	17	20
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	Category 1		Interstate
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	FEMA Q3 Area		
	Open Water		

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



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

COLLETON/CHARLESTON COUNTY, SOUTH CAROLINA  
Source: National Hurricane Center (NHC) SLOSH model results and USGS 1:24000 scale topographic data Plate 7



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

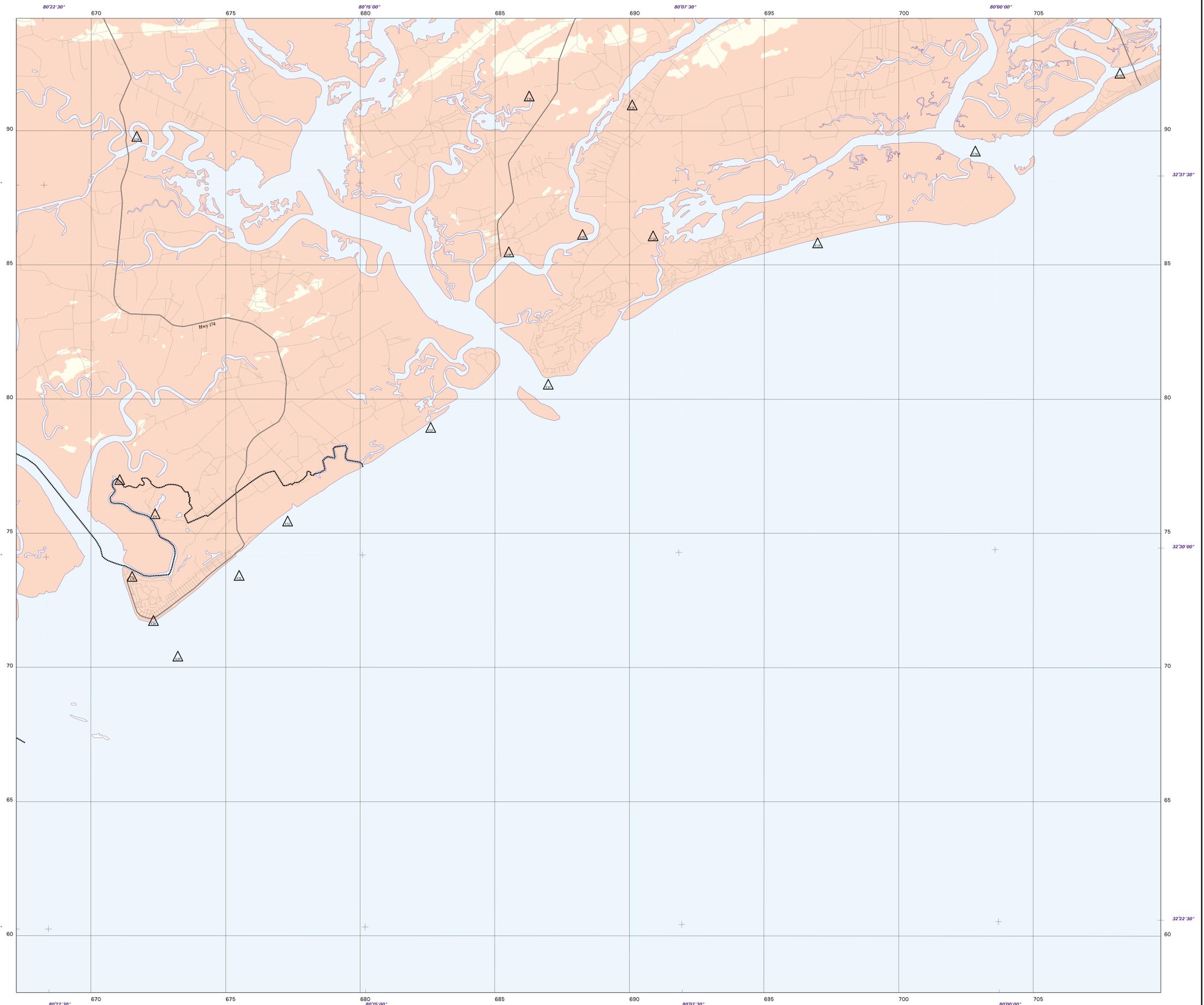
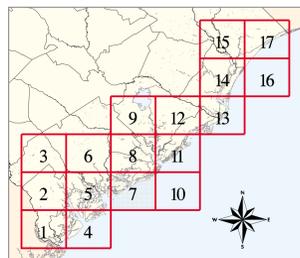
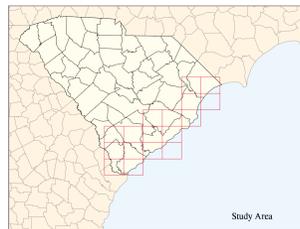
# Coastal South Carolina Hurricane Evacuation Restudy

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
C32	Charleston	7	11	14	17	19
C18	Charleston	7	10	14	17	19
C21	Charleston	10	14	17	19	
C14	Charleston	7	11	15	18	21
C30	Charleston	7	11	14	17	19
C20	Charleston	7	11	14	17	19
C24	Charleston	7	11	14	17	20
C25	Charleston	7	11	14	17	19
C19	Charleston	7	11	14	17	19
C15	Charleston	8	11	14	17	19
C13	Charleston	8	11	14	17	20
S28	Savannah	8	11	14	17	20
C8	Charleston	8	11	14	17	20
C12	Charleston	8	11	14	17	20
C11	Charleston	8	11	14	17	20
C9	Charleston	8	11	14	17	20
C10	Charleston	8	11	14	17	20
S29	Savannah	8	11	14	17	20

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		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



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

COLLETON/CHARLESTON COUNTY, SOUTH CAROLINA

Source: National Hurricane Center (NHC) SLOSH model results and USGS 1:24000 scale topographic data Plate 7



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

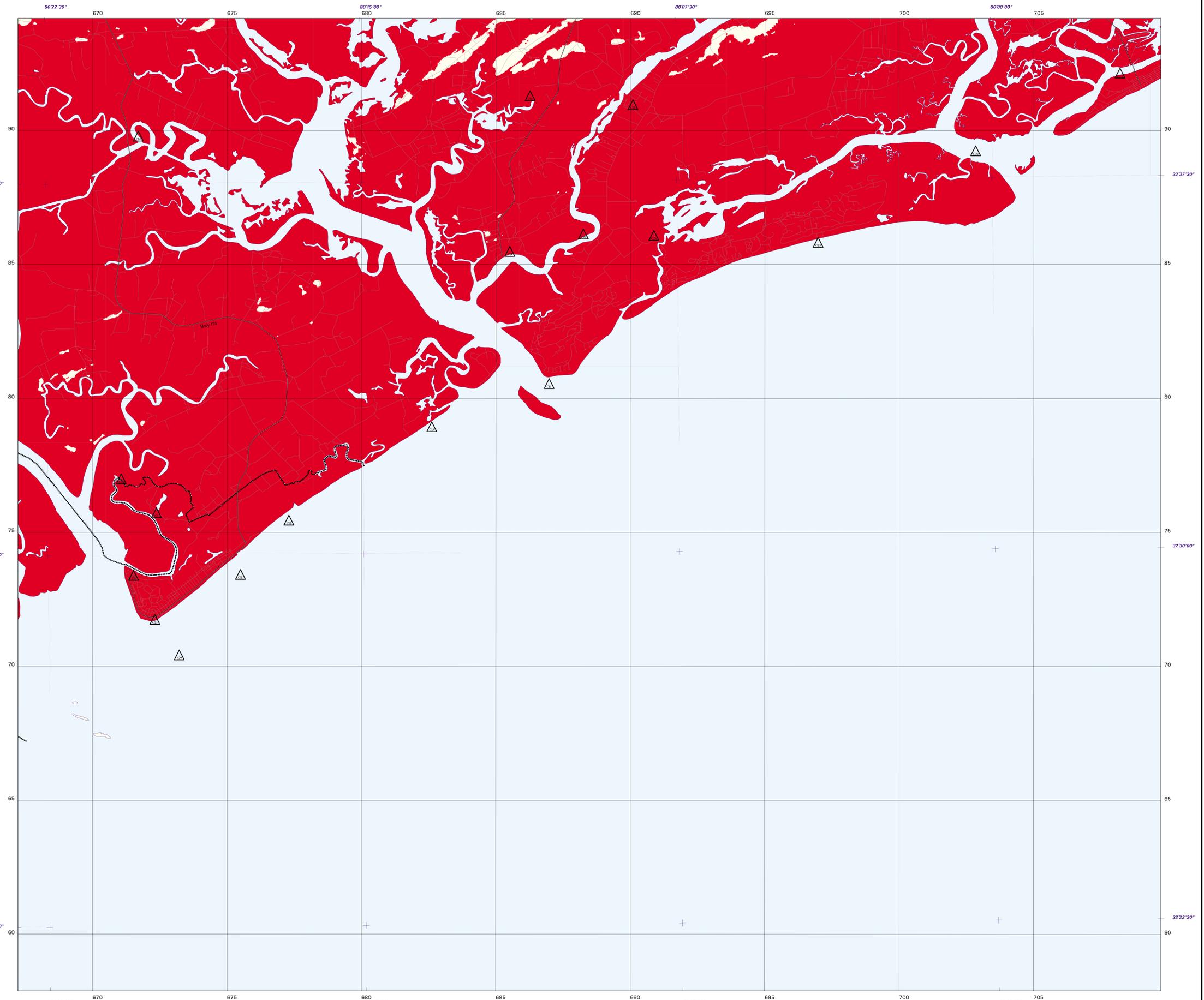
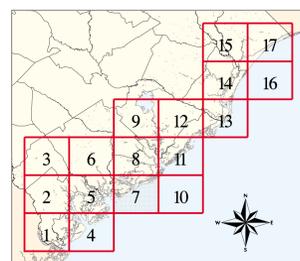
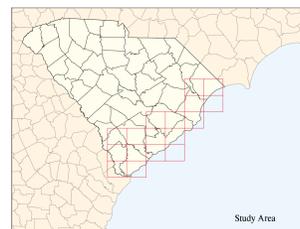
# Coastal South Carolina Hurricane Evacuation Restudy

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

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S29	Savannah	8	11	14	17	20

Notes:

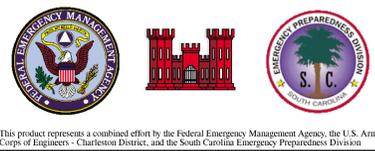
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	Category 1		Interstate
	Category 2		Primary Road
	Category 3		Secondary Road
	Category 4		Light Duty Road
	Category 5		County Boundary
	FEMA Q3 Area		
	Open Water		



Normal (5-15 MPH) Moving Hurricanes  
Category 5 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

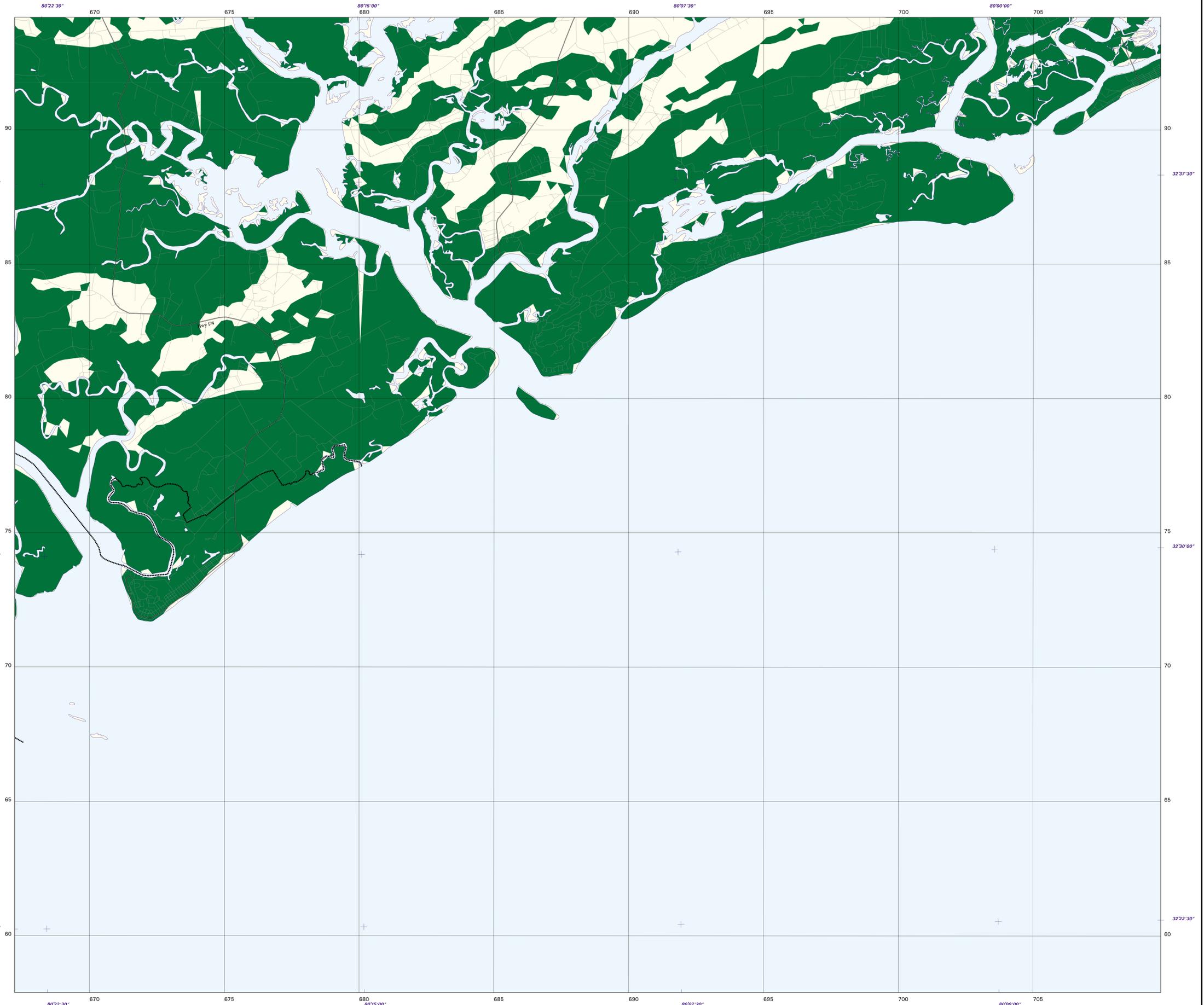
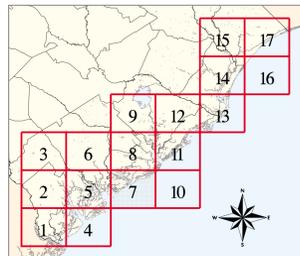
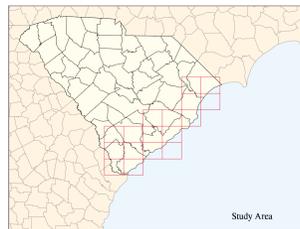
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# Coastal South Carolina Hurricane Evacuation Restudy

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

**Notes:**

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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

COLLETON/CHARLESTON COUNTY, SOUTH CAROLINA  
Source: Federal Emergency Management Agency (FEMA) Flood Hazard Mapping Program Plate 7



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