

The digital Flood Insurance Rate Map (FIRM) was produced through a unique cooperative partnership between the State of North Carolina and the Federal Emergency Management Agency (FEMA). The State of North Carolina has implemented a long term approach to floodplain management to decrease the costs associated with flooding. This is demonstrated by the State's commitment to long term flood hazard areas at the local level. As a part of the effort, the State of North Carolina has joined in a Cooperative Technical State agreement with FEMA to produce and maintain the digital FIRM.

**FLOOD HAZARD INFORMATION**

SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP  
**THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT [HTTP://FRIS.NC.GOV/FRIS](http://FRIS.NC.GOV/FRIS)**

- SPECIAL FLOOD HAZARD AREAS**
  - Without Base Flood Elevation (BFE) Zone A, V, A99 WHN BFE or Depth Zone AE, A2, AH, VE, AR
  - Regulatory Floodway
  - 0.2% Annual Chance Flood Hazard, Areas of 1% Annual Chance Flood with Average Depth Less Than One Foot or With Drainage Areas of Less Than One Square Mile Zone X
  - Future Conditions 1% Annual Chance Flood Hazard Zone X
  - Area with Reduced Flood Risk due to Levee See Notes Zone X
- OTHER AREAS OF FLOOD HAZARD**
  - Areas Determined to be Outside the 0.2% Annual Chance Floodplain Zone X
- OTHER AREAS**
  - Channel, Culvert, or Storm Sewer
  - Accredited, or Provisionally Accredited Levee, Dike, or Floodwall
- GENERAL STRUCTURES**
  - Non-accredited Levee, Dike, or Floodwall
  - North Carolina Geodetic Survey bench mark BM55 10 x
  - National Geodetic Survey bench mark BM55 10
  - Contractor Est. NCFMP Survey bench mark
  - Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
  - Coastal Transect
  - Coastal Transect Baseline
  - Profile Baseline
  - Hydrographic Feature
- OTHER FEATURES**
  - Limit of Study
  - Jurisdiction Boundary

**NOTES TO USERS**

For information and questions about this map, available products associated with the FIRM including historic versions of the FIRM, or to order products of the National Flood Insurance Program by phone, please call the FEMA Map Information Center at 1-877-FEMA-MAP (1-877-362-6277) or visit the FEMA Map Service Center website at <http://www.fema.gov>. An accompanying Flood Insurance Study report, Letter of Map Amendment (LOMA) or Letter of Map Amendment (LOMA) covering portions of the project, and digital versions of the FIRM may be available. Visit the North Carolina Floodplain Mapping Program website at <http://www.ncfloodmaps.com> or contact the FEMA Map Service Center.

Coordinates showing level on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM index. These may be ordered directly from the Map Service Center at the number listed above.

For community and corporate map data refer to the Flood Insurance Study report for the jurisdiction.

To determine if flood insurance is available in the community, contact your insurance agent or call the National Flood Insurance Program at 1-800-438-8222.

Base map information shown on this FIRM was provided in digital format by the North Carolina Floodplain Mapping Program (NCFMP). The accuracy of this information can be determined from the metadata available in the digital FLOOD database and in the Technical Support Data Notebook (TSDN).

**ACCREDITED LEVEE NOTES TO USERS:** If an accredited levee note appears on the panel check with your local community to obtain more information, such as the estimated level of protection provided (which may exceed the 1 percent annual-chance level) and Emergency Action Plan, on the levee system(s) shown on the panel. It is important to submit the data and documentation necessary to comply with Section 66.10 of the NFIP regulations. If the community or owner does not provide the necessary data and documentation of the data and documentation provided indicates the levee system does not comply with Section 66.10 requirements, FEMA will show the flood hazard and risk information for the area to reflect the non-compliance of the levee system. To mitigate flood risk in coastal risk areas, property owners and residents are encouraged to consider flood insurance and floodproofing or other protective measures. For more information on flood insurance, interested parties should visit the FEMA Website at <http://www.fema.gov>.

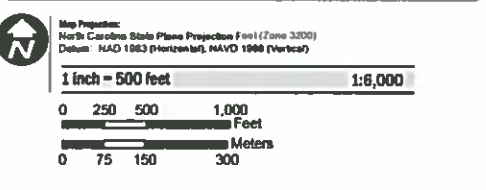
**PROVISIONALLY ACCREDITED LEVEE NOTES TO USERS:** If a Provisionally Accredited Levee (PAL) note appears on this panel, check with your local community to obtain more information, such as the estimated level of protection provided (which may exceed the 1 percent annual-chance level) and Emergency Action Plan, on the levee system(s) shown on the panel. It is important to submit the data and documentation necessary to comply with Section 66.10 of the NFIP regulations. If the community or owner does not provide the necessary data and documentation of the data and documentation provided indicates the levee system does not comply with Section 66.10 requirements, FEMA will show the flood hazard and risk information for the area to reflect the non-compliance of the levee system. To mitigate flood risk in coastal risk areas, property owners and residents are encouraged to consider flood insurance and floodproofing or other protective measures. For more information on flood insurance, interested parties should visit the FEMA Website at <http://www.fema.gov>.

**LIMIT OF MODERATE WAVE ACTION NOTES TO USERS:** For some coastal settings along the AE Zone category has been divided by a Limit of Moderate Wave Action (LMWA). The LMWA represents the approximate landward limit of the 1.5-foot breaking waves. The effects of waves between the VE Zone and the LMWA (or between the LMWA and the LMWA for areas with VE Zones) are not identified with the symbol on, but may be more than the VE Zone.

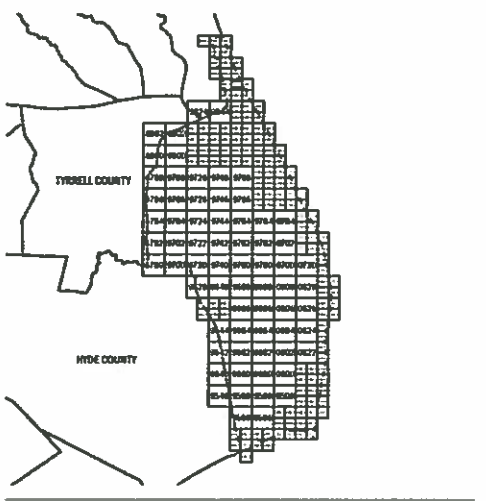
**COASTAL BARRIER RESOURCE SYSTEM (CBRS) NOTE**  
 This map may include approximate boundaries of the CBRS for informational purposes only. Flood insurance is not available within CBRS areas for structures that are newly built or substantially improved on or after the date(s) indicated on this map. For more information see <http://www.fema.gov> or contact the Map Service Center, the FIS Report, or call the U.S. Fish and Wildlife Service Customer Service Center at 1-800-344-6150.

CBRS Area Otherwise Protected Area

**SCALE**



**PANEL LOCATOR**



National Flood Insurance Program

**NORTH CAROLINA FLOODPLAIN MAPPING PROGRAM**  
**NATIONAL FLOOD INSURANCE PROGRAM**  
**FLOOD INSURANCE RATE MAP**  
**NORTH CAROLINA**

PANEL 9867

Panel Contents

COMMUNITY	CID	PANEL	SUFFIX
DARE COUNTY	370340	9867	J
KITTY HAWK, TOWN OF	370430	9867	J
ROUTE 19N SHORES, TOWN OF	370430	9867	J

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MAP REVISED  
09/20/06