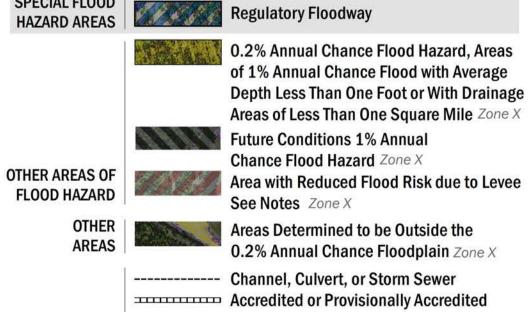


### FLOOD HAZARD INFORMATION

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

Without Base Flood Elevation (BFE)

With BFE or Depth Zone AE, AO, AH, VE, AR



SPECIAL FLOOD

Accredited or Provisionally Accredited Levee, Dike, or Floodwall **GENERAL** STRUCTURES Non-accredited Levee, Dike, or Floodwall BM5510 \_ North Carolina Geodetic Survey bench mark

 $^{\mathrm{BM5510}}\otimes$  National Geodetic Survey bench mark Contractor Est. NCFMP Survey bench mark 012 — 18-2 — Cross Sections with 1% Annual Chance Water Surface Elevation (BFE) (8) - - - - Coastal Transect

--- Coastal Transect Baseline Profile Baseline

**Hydrographic Feature** Limit of Study **OTHER FEATURES Jurisdiction Boundary** 

# **NOTES TO USERS**

For information and questions about this map, available products associated with this FIRM including historic versions of this FIRM, how to order products or the National Flood Insurance Program in general, please call the FEMA Map Information eXchange at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA Map Service Center website at http://msc.fema.gov. An accompanying Flood Insurance Study report, Letter of Map Revision (LOMR) or Letter of Map Amendment (LOMA) revising portions of this panel, and digital versions of this FIRM may be available. Visit the North Carolina Floodplain Mapping Program website at http://www.ncfloodmaps.com or contact the FEMA Map Service Center.

Communities annexing land 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 countywide map dates refer to the Flood Insurance Study report for this jurisdiction. To determine if flood insurance is available in the community, contact your Insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

Flood Insurance Study (FIS) means an examination, evaluation, and determination of flood hazards, corresponding water surface elevations, flood hazard risk zones, and other flood data in a community issued by the North Carolina Floodplain Mapping Program (NCFMP). The Flood Insurance Study (FIS) is comprised of the following products used together: the Digital Flood Hazard Database, the Water Surface Elevation Rasters, the digitally derived, autogenerated Flood Insurance Rate Map and the Flood Insurance Survey Report. A Flood Insurance Survey is a compilation and presentation of flood risk data for specific watercourses, lakes, and coastal flood hazard areas within a community. This report contains detailed flood elevation data, data tables and FIRM indices. When a flood study is

completed for the NFIP, the digital information, reports and maps are assembled into an FIS. Information shown on this FIRM is provided in digital format by the NCFMP. Base map information shown on this FIRM was provided in

digital format by the NCFMP. The source 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 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 as providing protection. To mitigate flood risk in residual 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/business/nfip/index.shtm.

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 as providing protection. To maintain accreditation, the levee owner or community is required to submit the data and documentation necessary to comply with Section 65.10 of the NFIP regulations. If the community or owner does not provide the necessary data and documentation or if the data and documentation provided indicates the levee system does not comply with Section 65.10 requirements, FEMA will revise the flood hazard and risk information for this area to reflect de-accreditation of the levee system. To mitigate flood risk in residual 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/business/nfip/index.shtm.

LIMIT OF MODERATE WAVE ACTION NOTES TO USERS: For some coastal flooding zones the AE Zone category has been divided by a Limit of Moderate Wave Action (LiMWA). The LiMWA represents the approximate landward limit of the 1.5-foot breaking wave. The effects of wave hazards between the VE Zone and the LiMWA (or between the shoreline and the LiMWA for areas where VE Zones are not identified) will be similar to, but less severe than those in the VE Zone.

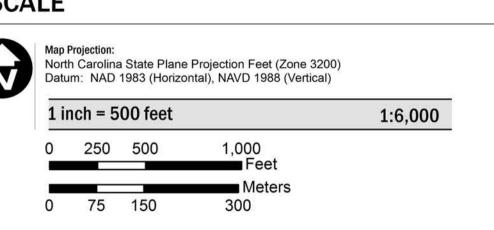
Limit of Moderate Wave Action (LiMWA)

COASTAL BARRIER RESOURCES 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 the map. For more information see http://www.fws.gov/cbra, the FIS Report, or call the U.S. Fish and Wildlife Service Customer Service Center at 1-800-344-WILD.

CBRS Area Otherwise Protected Area

## **SCALE**



# PANEL LOCATOR

	Caswell		0040		9960		Person				
	9920		9940	1	99	60	9980	9990	0900	0910	
	9828	2/1503	349	9859	<b>O</b> range		9889	9899	0809	0819 0818	
		151	348 9	9858			9888	9898	0808		
	9827 9	9837 98	347 9	9857	9867	9877	9887	9897	0807	0817	
Alamance	9826	9836 98	346	9856	9866	9876	9886	9896	0806		
	9825	9835 98	845 9	9855	9865	9875	9885	9895	0805		
	9824	9834 98	844 9	9854	9864	9874	9884	9894	0804		
	9823	9833 98	843 9	9853	9863	9873	9883	9893	0803		Durham
	9822	9832 98	342 9	9852	9862	9872	9882	9892	0802		
	0000	74.5	341 9	9851	9861	9871	9881	9891	0801		
	9820		340 9	9850	9860	9870	9880	9890	0800		
	9729	9739 97	749 9	9759	9769	9779	9789	9799		•	
	9728	9738 97	748 9	9758	9768	9778	9788	9798			
	97279	737	9746		9767	9777	9737	9797			
	5		9146	,	9766	9776	9786	9796	Cha	tham	Wake

### NORTH CAROLINA FLOODPLAIN MAPPING PROGRAM E NATIONAL FLOOD INSURANCE PROGRAM Prograi FLOOD INSURANCE RATE MAP



Panel Contains: COMMUNITY CHAPEL HILL, TOWN OF

Insurance

Flood

National

ORANGE COUNTY

CID PANEL SUFFIX 370180 9787 370342 9787







**VERSION NUMBER** 2.3.3.2 MAP NUMBER 3710978700K MAP REVISED November 17, 2017