

www.ncfloodmaps.com

FEMA and a partnership with the NCFMP to produce and maintain this digital FIRM.

http://stormwater.charmeck.org

detailed methods are provided in the Flood Insurance Study (FIS) report for this jurisdiction. The FIS report also provides instructions for determining a floodway using non-encroachment widths for flooding sources studied by limited detailed methods.

This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study report (which

http://www.nccrimecontrol.org/nfip

Division of Emergency Management or the National Flood Insurance Program at the following phone numbers or

Charlotte-Mecklenburg Storm Water Services National Flood Insurance Program (704) 336-3734 1-800-638-6620 http://stormwater.charmeck.org http://www.fema.gov/business/nfip/

	LEGEND
SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO	
INUNDATION BY THE 1% ANNUAL CHANCE FLOOD The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that	
has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the	
ZONE A No Base Flood	% annual chance flood. Elevation determined. ations determined
ZONE AH Flood depths o determined.	f 1 to 3 feet (usually areas of ponding); Base Flood Elevations
ZONE AO Flood depths o depths determ determined.	f 1 to 3 feet (usually sheet flow on sloping terrain); average ined. For areas of alluvial fan flooding, velocities also
ZONE AR Special Flood I flood by a floo indicates that protection from	Hazard Area formerly protected from the 1% annual chance d control system that was subsequently decertified. Zone AR the former flood control system is being restored to provide the 1% annual chance or greater flood.
<b>ZONE A99</b> Areas to be p protection system	rotected from 1% annual chance flood by a Federal flood em under construction; no Base Flood Elevations determined.
ZONE VE Coastal flood z determined.	one with velocity hazard (wave action); Base Flood Elevations
FLOODWAY AREAS IN ZONE AE	
The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.	
	ARFAS
ZONE X Areas of 0.2% average depths	annual chance flood; areas of 1% annual chance flood with s of less than 1 foot or with drainage areas less than 1 square
mile; and areas protected by levees from 1% annual chance flood. OTHER FLOOD AREAS (Mecklenburg County)	
ZONE X Areas of future chance flood w less than 1 so chance flood.	e conditions 1% annual chance flood; areas of 1% annual ith average depths of less than 1 foot or with drainage areas uare mile; and areas protected by levees from 1% annual
ZONE X OTHER AREAS   Areas determined to be outside the 0.2% annual chance floodplain; areas outside future	
conditions 1% an Areas in which flo	nual chance floodplain. ood hazards are undetermined, but possible.
COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS	
CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.	
	1% annual chance floodplain boundary (Mecklenburg County) 1% annual chance floodplain boundary
	1% annual chance future conditions floodplain boundary (Mecklenburg County)
	Floodway boundary Community encroachment boundary (Mecklenburg County)
	Zone D boundary CBRS and OPA boundary
←	Boundary dividing Special Flood Hazard Area Zones and boundary – dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
~~~~ 513 ~~~~ (EL 987)	Base Flood Elevation line and value; elevation in feet* Base Flood Elevation value where uniform within zone; elevation in
* Referenced to the North American	Vertical Datum of 1988
(23)(23)	Transect line
97°07′30", 32°22′30"	Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
4275 <sup>000 M</sup> 1 477 500 FEET	1000-meter Universal Transverse Mercator grid ticks, zone 17 2500-foot grid values: North Carolina State Plane coordinate system (FIPSZONE 3200, State Plane NAD 83 feet)
$BM5510_{\times}$	North Carolina Geodetic Survey bench mark (for more information visit <u>http://www.ncgs.state.nc.us</u> )
BM5510	National Geodetic Survey bench mark (for more information visit http://www.ngs.noaa.gov) NGS-58 GPS 2-5 cm Vertical Control Marks or Contractor-Established
	NCFMP Bench Marks (for more information visit <u>http://www.ncgs.state.nc.us</u> ) Mecklenburg County bench mark (for more information visit
• M1.5	ftp://ftp1.co.mecklenburg.nc.us/luesa/stormwater/FIRM Reference Marks/) River Mile
GRID NORTH MAP SCALE 1" = 500' (1 : 6 000)	
250	D 250 500 750 1,000
150	0 150 300
	PANEL 4532K
	FIRM
	FLOOD INSURANCE RATE MAP
Ð	NORTH CAROLINA
	DANEL 4522
	(SEE LOCATOR DIAGRAM OR MAP INDEX FOR FIRM PANEL LAYOUT)
	CONTAINS:
	CHARLOTTE, CITY OF 370159 4532 K MECKLENBURG COUNTY 370158 4532 K
	Notice to User: The <b>Map Number</b> shown below should be used when placing map orders; the <b>Community Number</b> shown above should be used on insurance applications for the subject community
	MAP REVISED MAP NUMBER
	SEPTEMBER 2, 2015 3710453200K
	WATER (1)

State of North Carolina Federal Emergency Management Agency