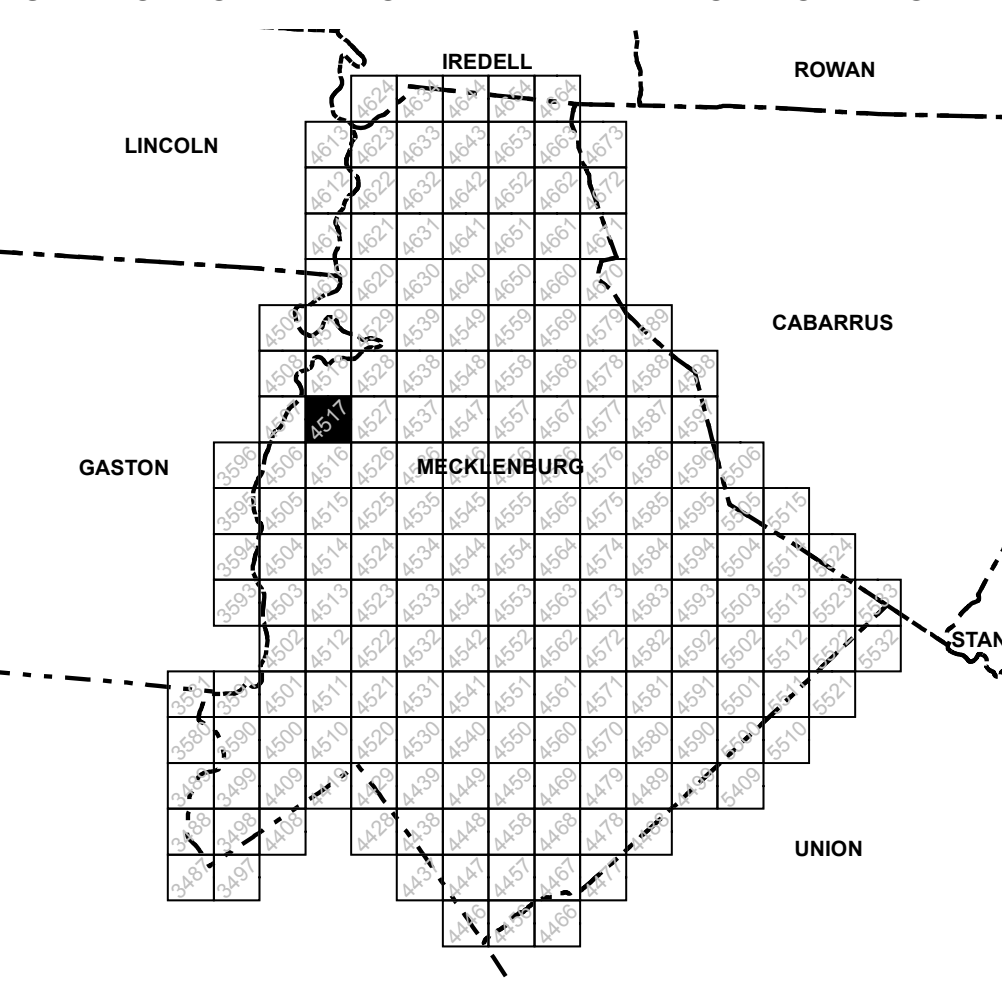


STATE OF NORTH CAROLINA FIRM PANEL LOCATOR DIAGRAM



DATUM INFORMATION

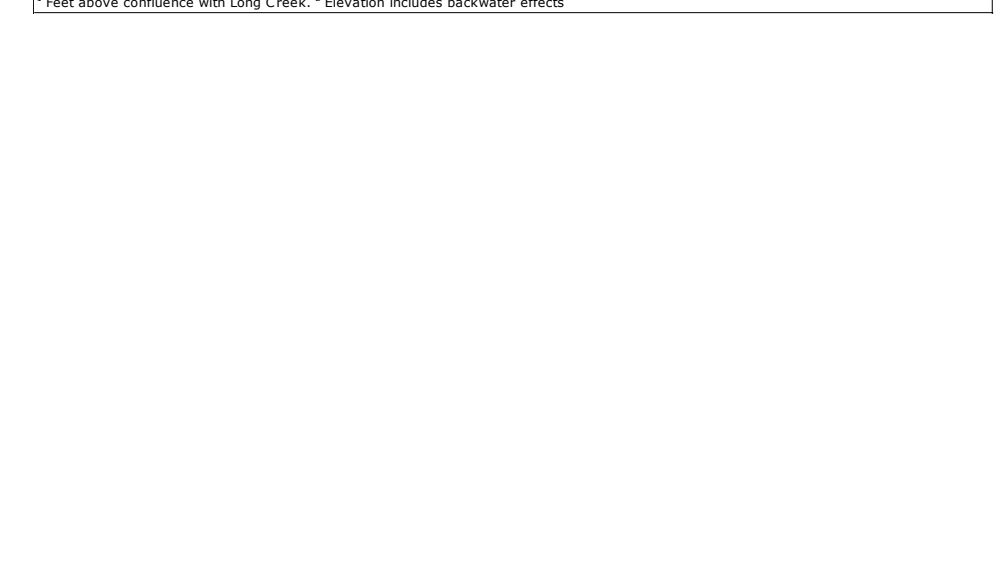
The projection used in the preparation of this map was the North Carolina State Plane (FIPSZONE 3200). The horizontal datum was the North American Datum of 1983, GRS80 ellipsoid. Differences in datum, ellipsoid, projection, or Universal Transverse Mercator zones used in the production of FIRMS for adjacent jurisdictions may result in slight positional differences in map features across jurisdictional boundaries. These differences do not affect the accuracy of this FIRM. All coordinates on this map are in U.S. Survey Feet, where 1 U.S. Survey Foot = 1200/9937 Meters.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988 (NAVD 88). These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. An average offset between NAVD 88 and the National Geodetic Vertical Datum of 1929 (NGVD 29) has been computed for each North Carolina county. This offset was then applied to the NGVD 29 flood elevations that were not revised during the creation of this statewide format FIRM. The offsets for each county shown on this FIRM panel are shown in the vertical datum offset table below. Where a county boundary and a flooding source with unrevised NGVD 29 flood elevations are coincident, an individual offset has been calculated and applied during the creation of this statewide format FIRM. See Section 6.1 of the accompanying Flood Insurance Study report to obtain further information on the conversion of elevations between NAVD 88 and NGVD 29. To obtain current elevation, description, and/or location information for bench marks shown on this map, please contact the North Carolina Geodetic Survey at the address shown below. You may also contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at http://www.ngs.noaa.gov.

Table with 2 columns: County, Vertical Datum Offset (ft). Example: MECKLENBURG -0.74

All streams listed in the Flood Hazard Data Table below were studied by detailed methods using field survey. Other flood hazard data shown on this map may have been derived using either an analysis of a coastal analysis or limited detailed riverine analysis. More information on the flooding sources studied by these analyses is contained in the Flood Insurance Study report.

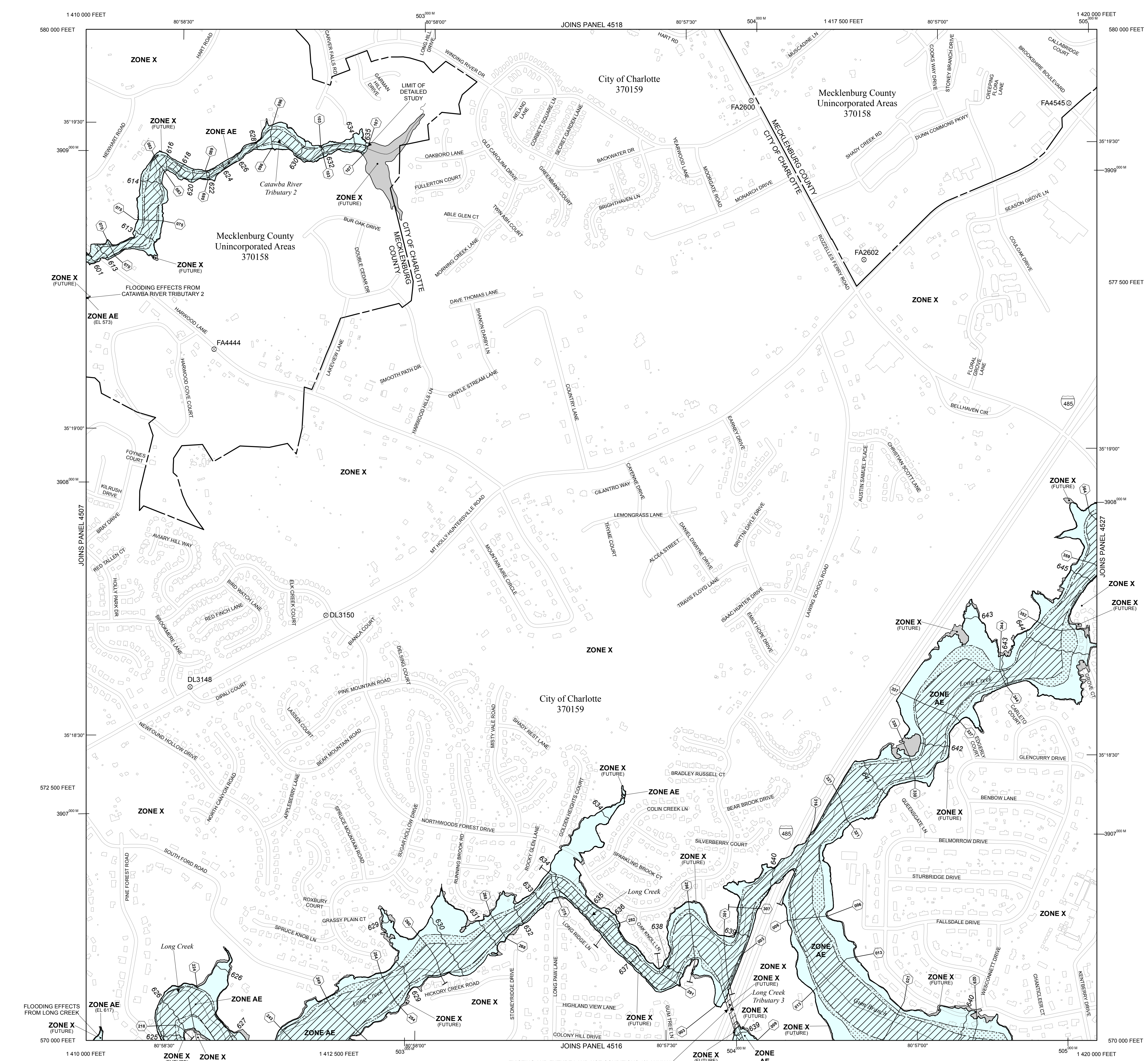
FLOOD HAZARD DATA TABLE. Columns: Cross Section, Stream Station, Flood Discharge (cfs), Existing Land Use Condition, Future Land Use Condition, 1% Annual Chance Flood Elevation (ft), 100-year Flood Elevation (ft), Distance in Feet From Center of Stream to Encroachment Boundary (ft), Community Encroachment Line.



NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

Logos for Charlotte-Mecklenburg Storm Water Services, FEMA, and the National Flood Insurance Program. Includes website: www.ncfloodmaps.com



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LEGEND

- SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD
ZONE AE: No Base Flood Elevation determined.
ZONE AH: Base Flood Elevations determined.
ZONE AO: Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
ZONE AR: Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified.
ZONE AR99: Areas to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
ZONE VE: Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

- FLOODWAY AREAS IN ZONE AE
COMMUNITY ENCROACHMENT AREAS (Mecklenburg County)
OTHER FLOOD AREAS
ZONE X: Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths 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 conditions 1% annual chance flood; areas of 1% annual chance flood with average depths 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 AREAS
ZONE X: Areas determined to be outside the 0.2% annual chance floodplain; areas outside future conditions 1% annual chance floodplain.
ZONE D: Areas in which flood hazards are undetermined, but possible.
COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS
OTHERWISE PROTECTED AREAS (OPAs)

Map information including: GRID NORTH, MAP SCALE 1" = 500' (1 : 6,000), PANEL 4517K, FIRM FLOOD INSURANCE RATE MAP NORTH CAROLINA, PANEL 4517, COMMUNITY: CHARLOTTE, CITY OF MECKLENBURG COUNTY, CID: 370159 4517 K, MAP REVISION: SEPTEMBER 2, 2015, MAP NUMBER: 3710451700K