NOTES TO USERS

This map is for use by all communities participating in the National Flood Insurance Program (NFIP). It is intended to help communities and their residents understand the risk of flooding in their area and plan accordingly.

No person may reproduce or use the information herein except in accordance with 36 CFR 600.4 or 44 U.S.C. 1758a, as applicable. The Federal Emergency Management Agency (FEMA) reserves the right to inspect any reproduction or use of this material at any time.

The information in this map is based on data that was compiled or digitized by the National Geodetic Survey and the U.S. Census Bureau. The information was post-processed by the State Floodplain Management Program (SFMP) of the Florida Department of Environmental Protection. It includes information from the Floodway Data Table, the Flood Elevations Table, and the Base Flood Elevation (BFE) Table.

1. Vertical Datum

The flood elevations on this map are referenced to the North American Vertical Datum of 1988. A vertical datum is a reference surface used to establish elevations. The vertical datum for this map is NAD83, GRS1980 spheroid. Differences in vertical datum were NAD83, GRS1980 spheroid. Differences in elevation between this map and other maps generated from the NAD83, GRS1980 spheroid at the National Geodetic Survey website at http://www.ngs.noaa.gov/.

2. Horizontal Datum

Gravitation and rotation of the Earth have caused Earth to deviate from a perfect sphere. The 1889 International ellipsoid, a mathematical model of Earth's shape, was a good model for determining distances and areas with a horizontal datum. However, today the GRS1980 spheroid is used. Differences between the GRS1980 spheroid and the National Geodetic Survey's geocentric datum of 1988 (NGVD88) may be up to 80 feet.

3. Base Flood Elevations

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. Flood elevations are calculated for the 0.2% annual chance flood. The flood elevations vary depending on the vertical datum and the horizontal datum used. Differences in flood elevations may be more than 5 feet.

4. Floodway Data

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of obstruction. Floodway data is used to determine the boundaries of the Special Flood Hazard Area (SFHA) and the Base Flood Elevation (BFE).

5. Special Flood Hazard Areas

Special Flood Hazard Areas (SFHA) are areas subject to 0.2% annual chance flooding. Areas included in the SFHA are determined by the U.S. Census Bureau. Areas outside the SFHA include Zones A, AE, and AR.

6. Flood Profiles

The flood profiles are the cross sections of the floodway data. The profiles are used to determine the flood height and the area subject to flooding. The flood profiles are used to determine the Base Flood Elevation (BFE) and the flood heights.

7. Flood Elevations

The flood elevations are the vertical distances above the National Geodetic Survey's geocentric datum of 1988 (NGVD88). The flood elevations are used to determine the Base Flood Elevation (BFE) and the flood heights.

8. Flood Insurance Study

The Flood Insurance Study (FIS) is a report that contains information on flood control structures, flood elevations, and floodway data. The FIS is used to determine the Base Flood Elevation (BFE) and the flood heights.

9. Flood Protection Measures

The Flood Protection Measures section of the FIS contains information on flood control structures, flood elevations, and floodway data. The Flood Protection Measures section is used to determine the Base Flood Elevation (BFE) and the flood heights.

10. Notice to User

The notice to user is a legal notice that informs the user of the limitations and restrictions of the information in this map. The notice to user is used to inform the user of the limitations and restrictions of the information in this map.

FIRM FLOOD INSURANCE RATE MAP
NEWTON COUNTY, MISSISSIPPI

Effective Date: November 2003

The map is intended to help communities and their residents understand the risk of flooding in their area and plan accordingly.

If you have questions about this map, please call 1-800-358-9620. The FE MA Map Service Center may also be reached by Fax at 1-800-358-9620 and its letters of map change, a Flood Insurance Study report, and/or digital versions of this map.

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