

NOTES TO USERS

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

For more detailed information in areas where **Base Flood Elevations** and/or **Floodways** have been determined, users are encouraged to consult Profiles and Floodway Data and/or Summary of Stillwater Elevations contained within the Flood Insurance Study (FIS) report that accompanies this map. Users should be aware that BEFs shown on the FIRM represent whole-foot elevations. These BEFs are intended for flood insurance rating only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be in conjunction with the FIRM for purposes of construction and/or floodplain management.

Floodways were computed at cross sections and interpolated at cross sections. The floodways were based on hydraulic considerations and to requirements of the National Flood Insurance Program. Floodway and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Areas not in Special Flood Hazard Areas may be protected by **flood structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The projection used in the preparation of this map was Missouri State Plane (NAD 83, central zone (SPRSZONE 2402), Transverse Mercator). Horizontal datum was NAD 83, GRS1980 spheroid. Differences in datum or projection used in the production of FIRMs for adjacent areas may result in slight positional differences in map features across boundaries. These differences do not affect the accuracy of this FIRM.

Elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations as referenced to the same vertical datum. For information regarding differences between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov> or contact the National Geodetic Survey at the following information services:

Information Services
UNCG12
Geodetic Survey
#2022
66 West Highway
Farmingdale, Maryland 20710-3282
3-3242

For current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at <http://www.ngs.noaa.gov>.

Map information shown on this map was provided in digital format by the National Service Agency, National Agricultural Imagery Program (NAIP), October 2007 at a scale of 1:12,000, and by the U.S. Geological Survey Orthophoto Quadrangles, dated 1993 and later, produced at a scale of 1:25,000.

For updated topographic information, this map reflects more detailed and upstream channel configurations and floodplain delineations than those in the previous FIRM for this jurisdiction. As a result, the Flood Profiles and Data tables may reflect stream channel distances that differ from what is shown on the map. Also, the road to floodplain relationships for unreviewed streams may differ from what is shown on previous maps.

Profile base lines depicted on this map represent the hydraulic modeling that match the flood profiles in the FIS report. As a result of improved digital data, the "profile base line" in some cases, may deviate significantly from the channel centerline or appear outside the SFHA.

Revisions shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may occur after this map was published, map users should contact appropriate officials to verify current corporate limit locations.

For a more detailed overview map of the layout of map panels, community map repository addresses, listing of Communities table containing National Flood Insurance Program data for each community as well as a listing of the panels on which each is located, refer to the separately printed **Map Index** for an overview map of the layout of map panels, community map repository addresses, listing of Communities table containing National Flood Insurance Program data for each community as well as a listing of the panels on which each is located.

For more information on the FEMA Map Service Center at 1-800-358-9616 for information on products associated with the FIRM. Available products may include Flood Insurance Study report, a Flood Insurance Study report, and/or other products of this map. The FEMA Map Service Center may also be reached at 1-800-358-9620 and its website at <http://www.fema.gov>.

For questions about this map or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA-MAP (1-877-336-2827) or visit the FEMA website at <http://www.fema.gov/business/firm/>.

POLK COUNTY, MISSOURI FIRM PANEL LOCATOR DIAGRAM



NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 33 NORTH RANGE 2 WEST

LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHA) 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 AE, AH, AO, AV, VE, and V. The Base Flood Elevation (BFE) is the water-surface elevation of the 1% annual chance flood.

ZONE A - 1% Base Flood Elevation determined:
ZONE AE - Base Flood Elevation determined.
ZONE AH - Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevation determined.
ZONE AD - Flood depths of 1 to 3 feet (usually areas of ponding); areas determined for areas of actual flooding, which are also determined.
ZONE AN - Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently destroyed. Zone AN indicates the former flood control system is being retained to provide protection from the 1% annual chance or greater flood.
ZONE AV - Area to be protected from the 1% annual chance flood by a Federal Flood system under construction; no Base Flood Elevation determined.
ZONE VE - Coastal flood zone with velocity hazard (wave action); no Base Flood Elevation determined.
ZONE VE - Coastal flood zone with velocity hazard (wave action); Base Flood Elevation determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be maintained to ensure that the 1% annual chance flood can be passed without an increase in flood heights.

OTHER FLOOD AREAS

ZONE B - Areas of 0.2% annual chance flood; areas of 1% annual chance flood with depths of less than 1 foot or with change areas less than 1 square foot; areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE D - Areas determined to be outside the 0.2% annual chance floodplain; areas in which flood heights are unestimated, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% annual chance floodplain boundary
0.2% annual chance flood boundary
Floodway boundary
Zone D boundary
Boundary dividing Special Flood Hazard Areas of different BFEs
CBRS and OPA boundary
International, State, or County boundary
Corporation, Educational Jurisdiction, or Urban Growth boundary
Area Not Included boundary
Historical Reservation, National American Landmark boundary
Base Flood Elevation limit and value; elevation in feet
Base Flood Elevation value where uniform within zone; elevation
Reference to the North American Vertical Datum of 1988
Zone A base line
Transect line
Geographic coordinates referenced to the North American Vertical Datum of 1988 (NAD 83)
1988 UTM Zone 18N Universal Transverse Mercator grid values, zone 18N
1000-foot grid scale; Missouri State Plane coordinate system zone 18N (SPRSZONE 2402), Transverse Mercator projection
Bench mark (see explanation in Notes to Users section of FIS)
Flow Way
Apex/Crest, Culvert, Flume, Weir, or Storm Sewer
Road or Railroad Bridge

MAP REPOSITORY
 Refer to listing of Map Repositories on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
 AUGUST 18, 2004

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL
 September 17, 2010 - to add Special Flood Hazard Areas and to reflect updated information.

For Community map revision history prior to mapsheet mapping, refer to the Community map sheet located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or the National Flood Insurance Program at 1-800-638-6323.

MAP SCALE 1" = 600'

250 0 500 1000 FEET
 150 0 150 300 METERS

NFP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0277D

FIRM
FLOOD INSURANCE RATE MAP

POLK COUNTY, MISSOURI AND INCORPORATED AREAS

PANEL 277 OF 450
 SEE LOCATOR DIAGRAM OR MAP INDEX FOR FIRM PANEL LAYOUT

COMMUNITY	SUBURB	PANEL
BRANDON CITY	26620	0277
POLK COUNTY	26620	0277

CONTRACT NO.
COMPLETION DATE
DATE OF ISSUE

MAP NUMBER
 29167C

MAP REVISION
 SEPTEMBER 17, 2010

Federal Emergency Management Agency