





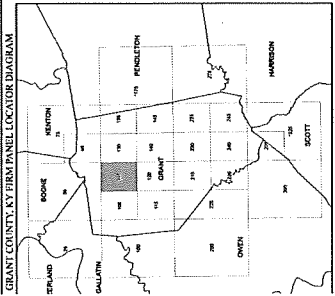


**NOTES TO USERS**

This is for use in determining the National Flood Insurance Program. It does not constitute a flood insurance policy. It is not intended to be used as a basis for any other action. It is not intended to be used as a basis for any other action. It is not intended to be used as a basis for any other action.

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Grant County, KY Firm Panel Locator Diagram. This diagram shows the layout of panels for the National Flood Insurance Program in Grant County, Kentucky. Panel B10A is the current panel. The diagram includes the names of surrounding panels and the county name.



**LEGEND**

**SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD**

The 1% Annual Chance Flood (ACF) is the flood that has a 1% chance of being equaled or exceeded in any given year. The 1% ACF is the basis for the National Flood Insurance Program. The 1% ACF is the basis for the National Flood Insurance Program. The 1% ACF is the basis for the National Flood Insurance Program.

**OTHER FLOOD AREAS**

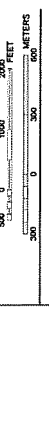
Areas of 0.2% annual chance flood, areas of 0.1% annual chance flood, areas of 0.05% annual chance flood, areas of 0.02% annual chance flood, areas of 0.01% annual chance flood.

**BOUNDARY LINES**

County boundary, Precinct boundary, Township boundary, Water boundary, Other boundary.

**OTHER AREAS**

Areas shown for information only. These areas are not subject to the National Flood Insurance Program. These areas are not subject to the National Flood Insurance Program. These areas are not subject to the National Flood Insurance Program.



**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM**

**FLOOD INSURANCE RATE MAP**

**GRANT COUNTY, KENTUCKY AND INCORPORATED AREA**

**PANEL 110 OF 235**

**SEE LOCATOR DIAGRAM OR MAP FOR FULL PANEL LAYOUT**

**DATE: AUGUST 5, 2010**

**EFFECTIVE DATE: MAP NOW 21081CP**

**MAP PREPARED BY: [Name]**

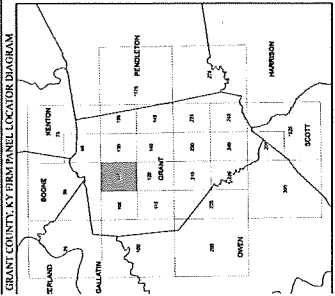
**DATE: [Date]**

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Grant County, KY Firm Panel Locator Diagram. This diagram shows the layout of panels for the National Flood Insurance Program in Grant County, Kentucky. Panel B10A is the current panel. The diagram includes the names of surrounding panels and the county name.

**NOTES TO USERS**

This is for use in administering the National Flood Insurance Program. It does not constitute a warranty of accuracy or liability. The community map repository should be consulted for the latest or additional flood hazard information.

For more detailed information in areas where Base Flood Elevations (BFEs) and/or Floodways have been determined, users are encouraged to consult Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations contained within the Flood Insurance Study (FIS) report that accompanies the FIRM. Users should be aware that BFEs shown on the FIRM represent only whole-foot elevations. These BFEs are intended for flood insurance rating purposes 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 used in conjunction with the FIRM for purposes of construction and/or floodplain management.

Locations of the floodways were computed at cross sections and interpolated at other sections. The floodways were based on hydraulic considerations and are not to be construed as requirements of the National Flood Insurance Program. Floodway and other pertinent floodway data are provided in the Flood Insurance Study report for information on flood control structures for this community.

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

The information used in the preparation of this map was Kentucky State Plane North datum system (SPRIGNO 1000). The horizontal datum was NAD83. CORS 03030. Differences in datum, spheroid or projection used in the production of this map for adjacent jurisdictions may result in slight positional differences in maps across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Elevations on this map are referenced to the North American Vertical Datum 88. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding the datum used in the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at [www.ngs.noaa.gov](http://www.ngs.noaa.gov) or contact the National Geodetic Survey at the following phone number.

For information Services, contact the National Geodetic Survey, 2115 Jefferson Highway, Spring, Maryland 20710-3282, 713-3242.

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 [www.ngs.noaa.gov](http://www.ngs.noaa.gov).

Map information was derived from multiple sources. Digital orthography shown on this FIRM is provided by Kentucky Division of Geographic Information (KY DGI). These images were originally produced by Science, Inc. in 2006 as 10,000 x 10,000 foot blocks with 30-foot pixel size and projected to State Plane Kentucky Single Zone with a NAD83 datum. The images have been combined as a mosaic to provide seamless coverage. Road centerlines published in 2000 and political boundary lines dated were provided by the Kentucky Geographic Network. Stream centerlines downloaded from the National Hydrography Dataset provided by the U.S. Geological Survey. Users of this FIRM should be aware that minor adjustments have been made to specific base map features.

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

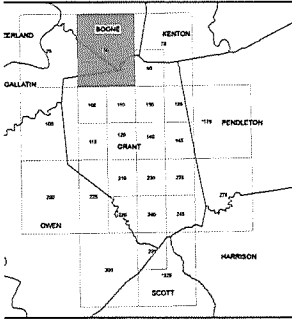
Rate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may occur after this map was published, map users should contact appropriate utility officials to verify current corporate limit locations.

Users refer to the separately printed Map Index for an overview map of the community showing the layout of map panels, community map repository addresses, listing of Communities with National Flood Insurance Program, and a listing of the panels on which each community is located.

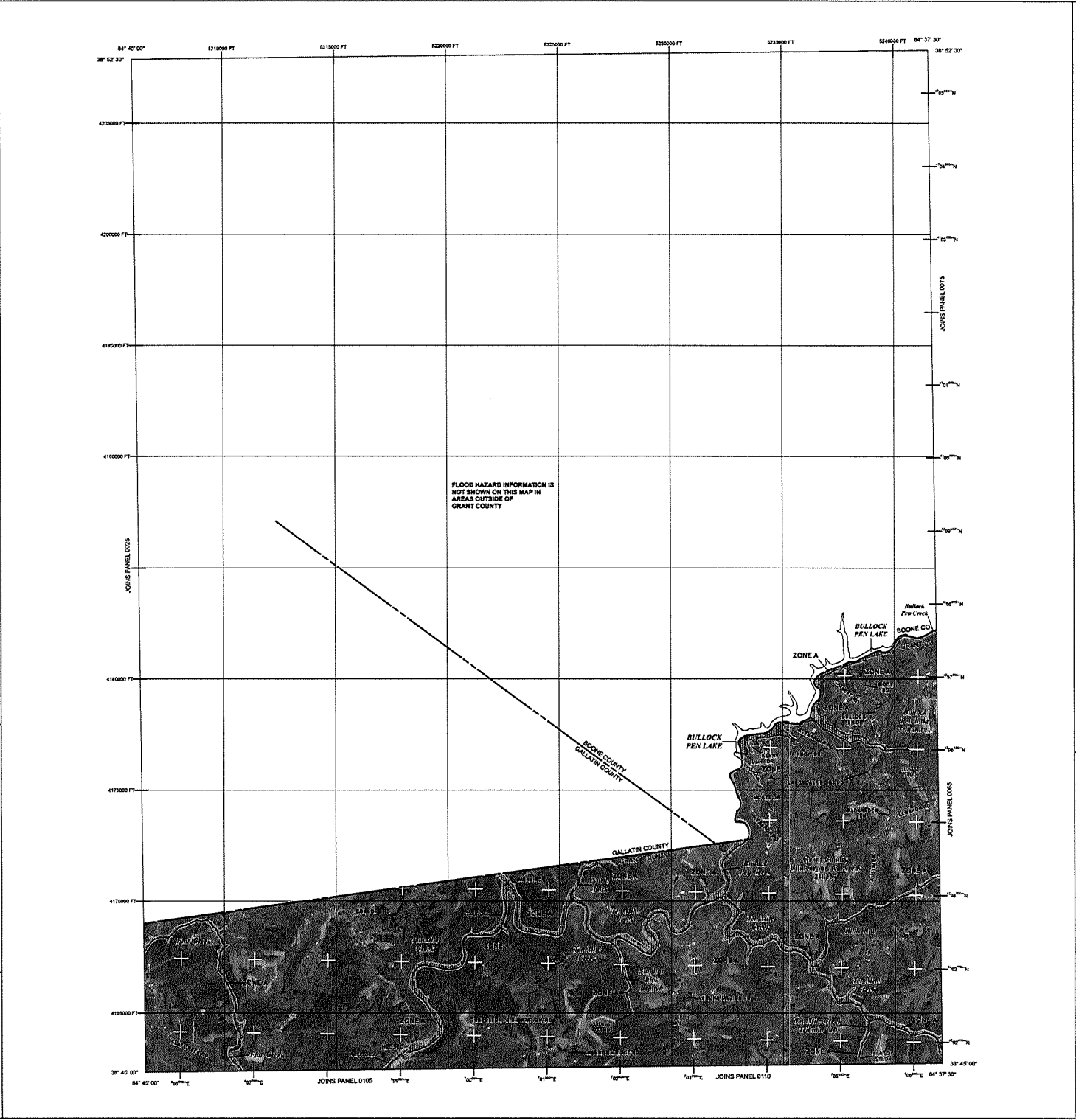
Contact the FEMA Map Service Center at 1-800-358-9616 for information on the products associated with the FIRM. Available products may include utility hazard Letters of Map Change, a Flood Insurance Study report, and other versions of this map. The FEMA Map Service Center may also be reached at 1-800-358-9622 and its website at <http://www.fema.gov>.

Have 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 FEMA website at <http://www.fema.gov/business>.

**GRANT COUNTY, KY FIRM PANEL LOCATOR DIAGRAM**



operation with the Federal Emergency Management Agency (FEMA) and communities in Kentucky, this Flood Insurance Rate Map was developed by the Kentucky Division of Water in a digital electronic format to assist communities in efforts to minimize the loss of property and life through effectively managing development in flood-prone areas. The State of Kentucky has implemented a long term approach to floodplain management to reduce the risk of flooding. This is demonstrated by the State's commitment to map flood-prone areas at the local level. As part of this effort, the Kentucky Division of Water is working closely with FEMA as a Cooperating Technical Partner to create and maintain the digital FIRM.



**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 first to have a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to the 1% annual chance flood. Zone AE indicates the former flood control system is being retained to provide protection from 1 annual-chance or greater flood.

**ZONE A**  
No Base Flood Elevations determined.

**ZONE AE**  
Base Flood Elevations determined.

**ZONE AH**  
Flood depths of 1 to 3 feet (usually areas of ponds); Base Flood Elevation determined.

**ZONE AO**  
Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average determined. For areas of shallow fan flooding, average area determined.

**ZONE AR**  
Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently removed. Zone AR indicates the former flood control system is being retained to provide protection from 1 annual-chance or greater flood.

**ZONE AP**  
Area to be protected from 1% annual chance flood by a Federal Flood protection project.

**ZONE V**  
Coastal flood zone with velocity hazard (wave action); see 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 free of encroachment so that the 1% annual chance flood can be carried without undue increases in flood heights.

**OTHER FLOOD AREAS**

**ZONE B**  
Areas of 0.2% annual chance flood; areas of 1% annual chance flood with a depth of less than 1 foot or with drainage areas less than 1 square mile; are protected by levees from the 1% annual chance flood.

**OTHER AREAS**

**ZONE C**  
Areas determined to be suitable for residential development.

**ZONE D**  
Areas in which flood heights are uncharacterized, 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 floodplain boundary
- Floodway boundary
- Zone D boundary
- Boundary of Special Flood Hazard Areas of different base elevations, flood depths, or flood velocities.
- CBRS or OPA boundary
- International, State, or County boundary
- Corporate, Extrajurisdictional, Jurisdictional, or Urban Growth boundary
- Area not included boundary
- Military Reservation, Native American Land boundary
- Base Flood Elevation line and value; elevation in feet
- Base Flood Elevation value where custom value zone elevation
- Reference to the North American Vertical Datum of 1988
- Cross section line
- Traverse line
- Geographic coordinate referenced to the North American Datum of 1983
- 1000-meter Universal Transverse Mercator grid values, zone 18
- 5000-foot grid (NAD 83); Kentucky State Plane coordinate system 1982; Lambert Conformal Conic projection
- Bench mark (see explanation in Notes to Users section of the map)
- 1:1.5
- Asphalt, Concrete, Paved, Paved, or Slurry Seal
- Road or Railroad Right-of-Way

**MAP REPOSITORY**  
Refer to listing of Map Repositories on Map Index

**EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP**  
AUGUST 5, 2010

**EFFECTIVE DATES OF REVISIONS TO THIS PANEL**

For community map revision history prior to countywide mapping, refer to the Community History table 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 1-800-426-6233.

**MAP SCALE 1" = 2000'**

1000 0 2000 4000 FEET

600 0 600 1200 METERS

**NATIONAL FLOOD INSURANCE PROGRAM**

**PANEL 0050A**

**FIRM FLOOD INSURANCE RATE MAP**

**GRANT COUNTY, KENTUCKY AND INCORPORATED AREAS**

**PANEL 50 OF 325**  
(SEE LOCATOR DIAGRAM OR MAP FOR FIRM PANEL LAYOUT)

**CONTENT**

**COMMUNITY NUMBER PANEL**  
GRANT COUNTY 71037 1024

**Notes to User:** This Map Number shows the actual date the map was published. The Community Number you should be used on insurance applications for the subject community.

**EFFECTIVE DATE MAP NUMBER**  
AUGUST 5, 2010 21081C01

**Kentucky**  
State of Kentucky  
Federal Emergency Management Agency