

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, as liability from local drainage sources of small size. The community map repository should be consulted for possible updates or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations (BFEs)** and/or **Floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Damaged Elevations data contained within the Flood Insurance Study (FIS) report that accompanies this FIRI. Users should be aware that BFEs shown on the FIRI represent rounded 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 utilized in conjunction with the FIRI for purposes of construction and/or flood plain management.

Coastal Base Flood Elevations shown on this map apply only to portions of 0.0' North American Vertical Datum of 1985 (NAVD 85). Users of this FIRI should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or flood plain management purposes when they are higher than the elevations shown on the FIRI.

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

In the State of Illinois, any portion of a stream or watercourse that lies within the floodway fringe of a regulated stream may have a state regulated floodway. The FIRI may not depict these state regulated floodways.

Floodways indicated by anthropogenic features such as bridges and culverts are drawn to reflect natural conditions and may not agree with the model computed within listed in the Floodway Data table in the Flood Insurance Study report.

Multiple topographic sources may have been used in the compilation of Special Flood Hazard Areas. See Flood Insurance Study report for details on source resolution and geographic extent.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Schedule 2-A "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 Universal Transverse Mercator (UTM) Zone 16. The horizontal datum was NAD 83 GRS80 datum. Differences in datum, spherical projection or UTM zones used in the production of FIRI, for instance, jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRI.

Flood 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 referenced to the same vertical datum. For information regarding conversion between 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 or contact the National Geodetic Survey at the following address:

NGS Information Services, NOAA, NCEM-12
National Geodetic Survey SPM-C, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

To obtain current elevation, description, and/or location 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.

Base map information shown on this FIRI was provided in digital format by the United States Geological Survey. Digital orthorectified with a spatial resolution of 0.5 meter ground sample distance were photogrammetrically compiled from aerial photography acquired during the last period of spring 2005.

This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRI for this jurisdiction. The Special Flood Hazard Areas and Floodways that were transferred from the previous FIRI may have been updated 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 contain anthropogenic hydraulic data) may reflect stream channel distances that differ from what is shown on this FIRI.

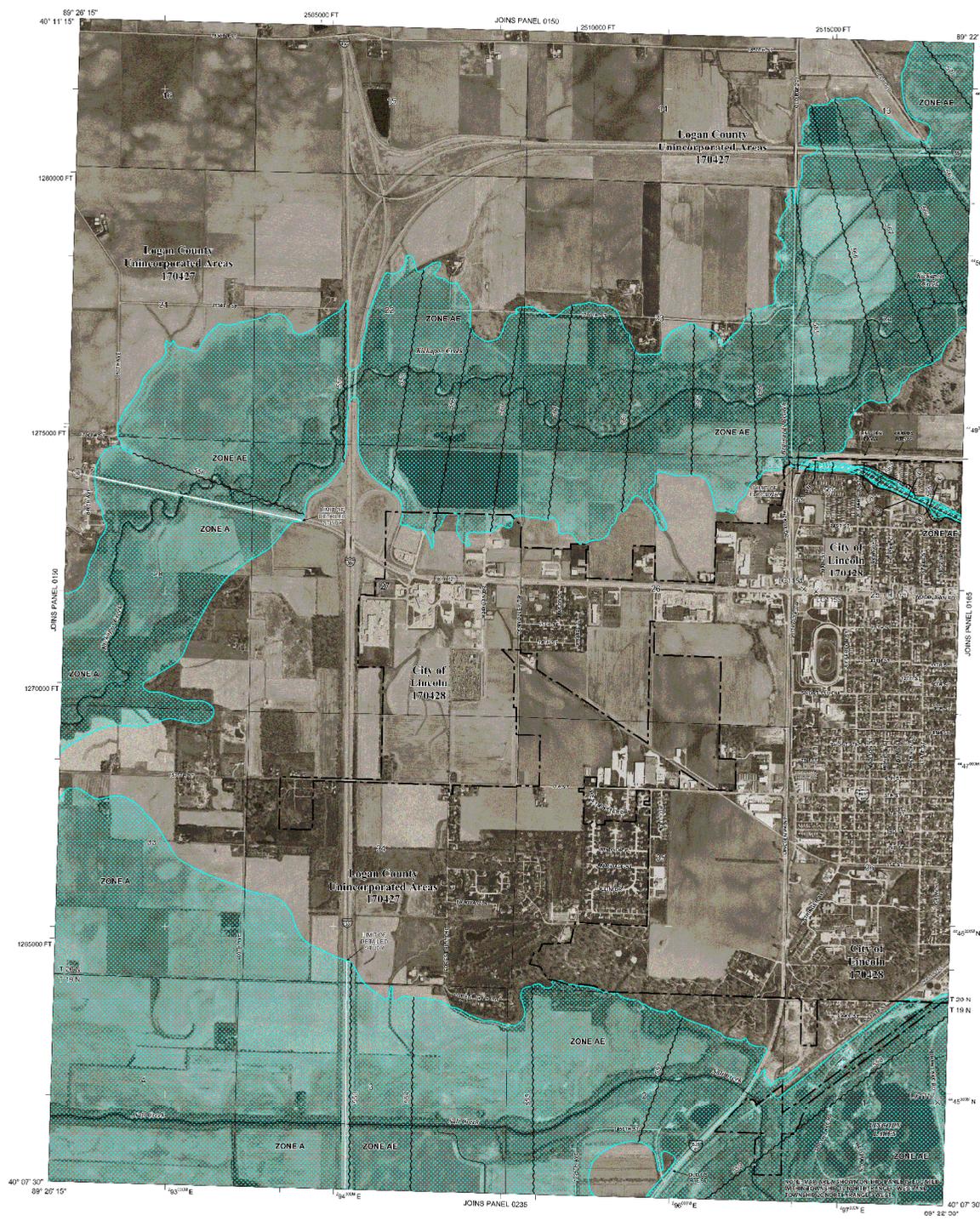
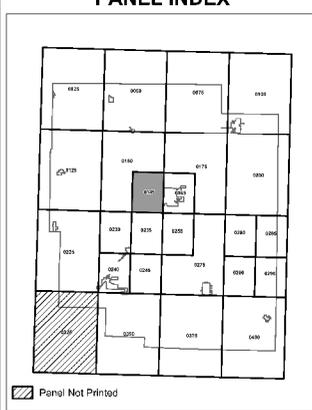
Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred since this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separate printed **Map Index** for an overview map of the county showing the layout of map panels, community map repository addresses, and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of panels on which each community is located.

For information on available products associated with this FIRI, visit the Map Service Center (MSC) website at <http://www.fema.gov>. Available products may include previously printed copies of this map, a Flood Insurance Study report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have questions about this map, how to order products of the National Flood Insurance Program in general, please call the **FEMA Map Information Exchange (FMIE)** at 1-877-FEMA-MAP (1-877-368-2821) or visit the **FEMA** website at <http://www.fema.gov>.

PANEL INDEX



LEGEND

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

The 1% annual chance flood (100-year 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 Zone A, AE, AH, AO, AR, AV, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A No Base Flood Elevation determined.
ZONE AE Base Flood Elevation determined.
ZONE AH Flood depths of 1 to 3 feet (usually sheet flow on steep terrain); average depth determined. For areas of alluvial fan flooding, depths also determined.
ZONE AO Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently abandoned. Zone AE indicates that the former flood control system is being restored to provide protection from the 1% annual chance flood.
ZONE AR Areas to be protected from the 1% annual chance flood by a Federal flood protection system (underwritten by the Base Flood Coverage Act) and Coastal Flood zones with velocity hazard (wave action); no Base Flood Elevation determined.
ZONE AV 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 kept free of obstructions so that the 1% annual chance flood can be carried without substantial increases in flood height.

OTHER FLOOD AREAS

ZONE X Areas of 0.2% annual chance flood plus areas of 1% annual chance flood with average depths of less than 1 foot with drainage over less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE D Areas determined to be within the 0.2% annual chance floodplain.
ZONE V Areas in which flood hazards are uncommon 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
 CBRS and OPA boundary
 Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
 Base Flood Elevation line and value; elevation in feet
 (EL 587)
 Base Flood Elevation value where uniform within zone; elevation in feet

*Referenced to the North American Vertical Datum of 1988

— Cross section line
 — Transit line
 45° 02' 08", 93° 02' 12"
 Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
 1749m N
 1565000 FT
 500-foot grid tick. Illinois State Plane West Coordinate System, 2011 zone (EPSG:31437) Transverse Mercator
 Bench marks (see legend) are linked to these sections of this FIRI (see panel).

• M 1.5 River Mile

MAP REPOSITORIES
 Refer to Schedule 2-A of this FIS for a listing of map repositories.
EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
 SEPTEMBER 2, 1984
EFFEKTIV DATUM (OF RIVNASKA) TO THIS PANEL
 FEBRUARY 18, 2011 (to update map items).

For community map review history prior to construction mapping, refer to the Community Map 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 call the National Flood Insurance Program at 1-800-685-6011.

MAP SCALE 1" = 1000'

500 0 1000 2000
 FEET
 300 0 300 600
 METERS

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP
LOGAN COUNTY, ILLINOIS
AND INCORPORATED AREAS

PANEL 146 OF 400
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COUNTY	NUMBER	PANEL	SUFFIX
LOGAN COUNTY	17107C	146	D

MAP NUMBER
17107C146D
MAP REVISED
FEBRUARY 18, 2011

Federal Emergency Management Agency

Note: To view the Map Number Series below, click on the link which displays the map number. The Community Number, if any, should be used to identify applications in the national community.