EXPLANATION

Flood-inundation area, depth in feet

<table>
<thead>
<tr>
<th>Depth</th>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 1.0</td>
<td>1/10</td>
</tr>
<tr>
<td>1.1 to 2.0</td>
<td>1/10</td>
</tr>
<tr>
<td>2.1 to 5.0</td>
<td>1/10</td>
</tr>
<tr>
<td>Greater than 5.0</td>
<td>1/10</td>
</tr>
</tbody>
</table>

Stream flow direction

Current U.S. Geological Survey streamgage and identifier

National Weather Service forecast point

Interstate marker

U.S. route marker

Illinois State route marker

UNCERTAINTIES AND LIMITATIONS FOR USE OF FLOOD-INUNDATION MAPS

Although the flood-inundation maps represent the boundaries of inundated areas with a distinct line, some uncertainty is associated with those maps. The flood boundaries shown were estimated based on water stages (water-surface elevations) and streamflows at selected USGS streamgages. Water-surface elevations along the stream reached were estimated by steady-state hydraulic modeling, assuming unobstructed flow, and using streamflow and water-surface elevation data associated with the USGS streamgages. Any hydrologic factors (e.g., changes in the streambed) were not considered in the flood inundation analysis. The accuracy of the flood boundary information shown in the maps may vary with the accuracy of the streamflow and water-surface elevation information associated with the USGS streamgages. Additional areas may be flooded due to unexpected conditions such as changes in the streamflow or water-surface elevations. Backwater into major tributaries along a main stem river, or backwater from localized flooding in a local area, may lead to deviations from the inundation areas shown on the maps. Flood-affected areas may also be affected by secondary floodwaters from reservoirs or other sources. Areas that are inundated by water during a flood may not experience floodwaters during future floods.

Inundated areas shown should not be used for navigational, regulatory, or legal purposes. The USGS provides these maps 'as-is' for a quick references, emergency planning tool but assumes no legal liability or responsibility resulting from the use of this information.

Any use of trade, product, or firm names is for descriptive purposes only and does not imply endorsement by the U.S. Government. This and other USGS information products are available at: http://store.usgs.gov/

DISCLAIMER

Inundated areas shown should not be used for navigational, regulatory, permitting, or other legal purposes. The USGS provides those maps 'as-is' for a quick references, emergency planning tool but assumes no legal liability or responsibility resulting from the use of this information.

Any use of trade, product, or firm names is for descriptive purposes only and does not imply endorsement by the U.S. Government. This and other USGS information products are available at: http://store.usgs.gov/

USGS Flood Inundation Maps for the DuPage River from Plainfield to Shorewood, Illinois, Referenced to U.S. Geological Survey Streamgage DuPage River at Shorewood (Station No. 05540500) and Corresponding to a Gage Height of 11.0 feet and an Elevation of 575.3 Feet

By Elizabeth A. Murphy and Jennifer B. Sharpe

2013