Flood-Inundation Map for Newberry, Indiana

Corresponding to a Stage of 9.0 Feet and an Elevation of 474.15 Feet (NAVD 88) at U.S. Geological Survey Streamgage Number 03360500 on the White River

By

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Projection: Transverse Mercator
Horizontal coordinates referenced to the North American Datum of 1983

EXPLANATION

- Flood-inundation area
- USGS streamgage and number
- Limit of study area
- State route marker
- Flow arrow—Indicates direction of water flow

DISCLAIMER FOR FLOOD-INUNDATION MAPS

Inundated areas shown should not be used for navigation, regulatory, permitting, or other legal purposes. The USGS provides these maps "as is" for a quick reference, emergency planning tool but assumes no legal liability or responsibility resulting from their use or interpretation. Uncertainties and limitations regarding use of flood-inundation maps:

- Flood-inundation maps are not intended to represent actual inundation areas, since uncertainty is associated with these maps. The flood-inundation areas were calculated based on water stage and discharge at selected USGS streamgages. Water-surface elevations along the stream reaches were estimated by steady-state flood-routing modeling, assuming unobstructed flow, and using streamflows and hydrologic conditions that were available at the USGS streamgages. The hydrologic model reflects the flood stage characteristics and any bridges, dams, levees, or other hydraulic structures existing on or near the stream as of September 2011. Unique natural physical conditions (e.g., flooding, and distribution of flood-related data may cause in the floodplain along the stream reaches that may vary from those assumed during a flood, which may result in deviations in the water-surface elevations at inundation locations downstream. Additional areas may be flooded due to unusual, natural conditions such as changes in the important elevation or engineered structures upstream. These maps illustrate a main street, canal, or channel from local data to a USGS streamgage. The accuracy of the floodplain extent portrayed on these maps will vary with the accuracy of the digital elevation model used to simulate the main surface. Additional uncertainties and limitations pertinent to this study may be described elsewhere in this report.

- Flood-inundation maps are based on various classes with National Weather Service (NWS) forecast points. The user should consult with additional resources that may be necessary for technical and GIS floodplain analyses. The NWS forecast points may be used to estimate the location and timing of where flooding through selected stream reaches may occur. Flood-risk maps are based on a hydrologic model, assumed to be accurate, with floodplain boundaries estimated by the USGS. Flood-risk maps are intended as an emergency planning tool but assume no legal liability or responsibility resulting from the use of this information.

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