Flood-Inundation Map for the West Branch Delaware River, Delhi, New York, for a flood corresponding to a stream stage of 8.0 feet (1,358.82 feet, North American Vertical Datum of 1988) at the U.S. Geological Survey streamgage at West Branch Delaware River upstream from Delhi, New York (Station 01421900)

By

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Disclaimer

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, and does not assume any legal liability or responsibility resulting from the use of this information.

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 these maps. The flood boundary shown was estimated on the basis of steady-state hydraulic modeling, assuming undisturbed flow, and using of surcharge and hydraulic conditions anticipated at the USGS streamgage. The hydraulic model reflects the local sewer configurations and any bridges or other hydraulic structures existing as of March 2012. Unique meteorological factors (flood stage) and distribution of precipitation may cause actual streamflow to vary from those assumed during flood, which may lead to deviations in the water surface locations and inundated inundation shown. Additional errors may be introduced due to changes in the streambed elevation or roughness, flow rate, or other hydraulic structures existing as of March 2012, or backwater from headwater tributaries. The accuracy of the flood-inundation maps may vary with the accuracy of the digital elevation model used to simulate the flood area. Additional uncertainties and limitations pertinent to this study are described in the document accompanying this set of flood inundation maps.

EXPLANATION

Flood-inundation area and depth of water, in feet

Flow arrow—Indicates direction of water flow

Village boundary

Current U.S. Geological Survey streamgage and identifier

(01422000)

Discontinued U.S. Geological Survey streamgage and identifier

(01421900)

SCALE 1:20 000

1 2 3 4 5 6 7 8 9 10

FEET 0.5 1

MILE

1 KILOMETER

NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88)

HIGH: 7.1

LOW: 0.0

Base from New York State Plane Eastern Zone, units = feet. North American Datum of 1983 (NAD 83)

Orthoimagery from ERSI base-map download of Bing Maps Aerial Imagery (January 11, 2012)

Prepared in cooperation with the Village of Delhi, New York; the Delaware County Soil and Water Conservation District; and the Delaware County Planning Department