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Although the flood-inundation maps represent the boundaries of inundated areas with a distinction, some uncertainty is associated with these maps. The flood boundary lines shown were estimated based on water stages and streamflows at selected USGS streamgages. Water surface elevations along the drawn lines were estimated by steady-state hydraulic modeling, assessing water and flow, using streambed and hydrograph conditions anticipated at the USGS streamgages. The hydraulic model reflects the basic range of information and any range, stream, lake, or other hydraulic structure existing at the time of modeling. Additional data may be required to identify conditions such as: changes in the streambed elevation or roughness, backwater into major tributaries along a main stem river, or backwater from localized debris or ice jams. The accuracy of the floodwater extent portrayed on the map may be affected by the quality of the data used in the model or by the quality of the hydraulic model itself. Unique meteorological factors (timing and distribution of precipitation) may cause actual streamflows along the modeled reach to vary from those assumed during a flood, which may lead to deviations in the water surface elevation of inundation boundaries shown. Additional area may be flooded due to upstream conditions such as high stages in the streamed river or lakes. Therefore, this map should be used as a supplement to local water conditions and not as a substitute for real-time water information. The model does not account for high water coming from tributaries to the modeled reach. The accuracy and usefulness of this model is limited to areas with properly functioning gaging stations and based on the quality of the reach data used in the model.

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