Inundation models are based on the research of Jude Kastens, Kansas Applied Remote Sensing Program, Kansas Biological Survey, University of Kansas, November 2007, Tuttle Creek Dam Failure Warning System brochure.

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For additional info: www.nwk.usace.army.mil/projects/tcdam/index.htm
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Evacuation and inundation zones in the event of Tuttle Lake Dam failure.

Inundation extents are based on Tuttle Creek Dam breach models generated by KARS using a multipurpose volume level of 280,000 acre-ft. for Tuttle Reservoir and a flood stage depth of 7 meters above normal stream flow. The color ramp models the % of total volume released by a breach, with the lightest blue representing the maximum inundation extent in the case of total dam failure and 100% volume release.

Inundation zone extends eastward along floodplain of Kansas River. These areas will have more advance warning and shallower water depths than floodplain of the Big Blue River. However, occupants should be prepared to evacuate.