



DISCLAIMER
 Flood extents/depths shown on this map were determined based on Flood Insurance Study models, CRRRI hydraulic models (Sloan Branch, Airport Tributary, Haw Creek, and Driftwood River LDMR), and USGS modeling (Flat Rock White River and Flatrock River Flood Simulation Libraries). These models assume that flow paths and bridge openings remain unobstructed and do not fail. Average or standardized rainfall amounts and distributions are also assumed. Because these models cannot take every localized feature and all possible rainfall distributions into account, estimated flood elevations may be slightly different than actual flood elevations. In addition, the flood extents and depths were based on available LIDAR data for topography. While this data is much more accurate than previous large scale mapping efforts, elevations may be up to a foot too high or too low with most locations' elevations being within a half of a foot. In addition, the topographic information does not show features, such as back flow prevention devices, that may keep areas shown as flooded on this map flood free for this frequency flood.
 Therefore, the information on this map provides a guide for flood fight decisions but must be combined with actual observations for additional guidance.
 Additional flood impacts and overtopped roads are not shown but may occur:
 - in areas where flood depth mapping was not developed as part of this Plan, or
 - on minor roads such as private drives or unimproved roads.

Source of Data:
 1. Flooding Extents created from 2011 and 2016 IndianaMap LIDAR
 2. Critical Facilities adapted from 2016 Bartholomew County MIMP
 3. US Bureau of the Census TIGER files, 2019

Estimated Relationship Between USGS Stream Gage Stages and Overtopping of Major Transportation Routes

Major Transportation Routes By Stream	USGS Gage	Approximate Gage Stage When Road Overtops*	Stream Stage at USGS Gage																							
			10	11	12	13	14	15	16	17	18	19	20	21	22	23										
Haw Creek Marr Road Rocky Ford Road National Road US 31 25th Street 17th Street 10th Street 7th Street State Street (SR 46)	Reurrence Interval (RI) >	12																								
		12.5																								
		14.5																								
		15																								
		undetermined stage > 16																								
Cliff Creek National Road US 31 State Street (SR 46) Gladstone Avenue	Cliff Creek at Columbus	undetermined stage > 23																								
		undetermined stage > 23																								
		18.5																								
Flatrock River CR 800 N CR 550 N CR 400 N National Road US 31 Indianapolis Road	Flatrock River at Columbus	undetermined stage > 20																								
		11.5																								
		11.5																								
Driftwood River Lowell Road	Driftwood River near Edinburgh	undetermined stage > 20																								
		16																								
Driftwood River SR 46	EFK White River at Columbus	undetermined stage > 20																								
		15.5																								
EFK White River SR 46 W 3rd Street 2nd Street SR 11 N of CR 200 S SR 11 S of CR 200 S Southern Crossing Gladstone Avenue	EFK White River at Columbus	undetermined stage > 20																								
		15.5																								
		15.5																								
Sloan Branch 25th Street	No Gage Available	undetermined stage > 20																								
		14																								

* Estimated based on available data. Should be updated based on gage peaks observed near the time that road experiences overtopping.
 Legend:
 Green: Road overtopping is not expected
 Red: Road overtopping is expected
 Yellow: Road overtopping is not expected at or below the 500 year flood level. Actual point of overtopping was not determined.

Note: For additional road overtopping information, refer to the Depth Maps in the Flood Risk Management Plan