

Flatrock River

Flood Impacts (see also Appendix E-8)

- River crossings at County Road 900 North, County Road 550 North, County Road 400 North, and Indianapolis Road are closed due to flooding. Crossings at US 31 and County Road 800 North are open.
- Indianapolis Road area (Area 16) experiences flooding, including access to several businesses and minor flooding of some homes.
- Washington Street neighborhoods (Area 17) experiences very minor flooding which is most likely contained to Noblitt Park and the alley west of Lawton Avenue.
- Flooding closes portions of Riverside Drive south (Area 19) and north (Area 45) segments, with access potentially limited to some structures along the north segment.
- Mill Race park is flooded.

Response Considerations*

- Priority 2:** Indianapolis Road homes and businesses (Area 16)
- Priority 3:** Lawton Avenue and other Washington Street neighborhoods (Area 17) Riverside Drive neighborhoods (Areas 19 and 45)
- Travel:** Prepare for increased traffic on US 31, which will likely assume the Indianapolis Road traffic load due to its closure.

Haw Creek

Flood Impacts (see also Appendix E-9)

- Flooding occurs in the lowa and Bernice Street neighborhood (Area 33). Severe street flooding and minor flooding of some homes is possible.
- Everoad Park East (Area 37) experiences low-land flooding along Haw Creek.
- Mariah Foods and Reo Street area (Area 30) experiences minor flooding at the Mariah facility.
- Midway Street area (Area 36) experiences low-land flooding along Haw Creek.
- Stream crossings at 7th Street, 8th/10th Street, Rocky Ford Road, Marr Road, and County Road 450 North are closed due to flooding. Cross-town travel is only available via State Street, 17th Street, 25th Street, and US 31.
- Access to Griffin Industries is cut-off and flooding of the facility itself is possible.

Response Considerations*

- Priority 2:** lowa / Bernice Street neighborhood (Area 33) Griffin Industries
- Priority 3:** Mariah Foods facility (Area 30)
- Travel:** Haw Creek stream crossings will be limited to State Street, 17th Street, and 25th Street.
- Announce passable routes and monitor traffic conditions.
- Other Notes:** Haw Creek is subject to flash flooding – conditions may vary and change quickly. Careful monitoring of up-stream gauges and local conditions is necessary to determine if further action is needed.

Sloan Branch

Flood Impacts (see also Appendix E-11)

- Eastridge Manor (Area 27) experiences flooding involving approximately 10 structures.
- Madison and Grant Park neighborhoods (Area 26) experience street flooding that may result in minor flooding to a few structures. Minor flooding may also affect nearby homes along Talley Road.

Response Considerations*

- Priority 2:** Affected areas of Eastridge Manor (Area 27)
- Priority 3:** Madison and Grant Park neighborhoods (Area 26) and nearby homes along Talley Road.

Clifty Creek

Flood Impacts (see also Appendix E-3)

- Gladstone Avenue (Area 23) is closed due to flooding.

Response Considerations*

- Travel:** Gladstone Avenue closing may increase traffic on SR 11 (if it is not also flooded), US 31, and SR 46.

East Fork White River

Flood Impacts (see also Appendix E-7)

- Jonesville Road (SR 11), Gladstone Avenue, Southern Crossing, and CR 800 S all closed due to flooding.
- Garden City area (Area 9) experiences moderate flooding affecting approximately 5 structures and the access to additional structures.
- Blessing Road (Area 5) will be flooded and structures on the east side of SR 11 in Area 5 may have access limitations.
- Huffman Drive area (Area 8), including the Columbus Waste Water Treatment Plant may experience minor access limitations.
- Homes at the intersection of County Road 450 South and SR 11 (Area 2) may experience minor flooding.
- Mariah Foods and Reo Street area (Area 30) may experience minor flooding at the Mariah facility.
- Griffin Industries experiences access restrictions and potentially damaging flooding (Water Street (Area 29) and Griffin access road closed due to flooding).

Response Considerations*

- Priority 1:** Griffin Industries
- Priority 2:** Garden City (Area 9)
- Priority 3:** SR 450 S / SR 11 neighborhood (Area 2) Blessing Road area (Area 5) Mariah Foods facility (Area 30) Huffman Drive neighborhood (Area 8)
- Travel:** Notify INDOT of SR 11 flooding. Prepare for heavy traffic on available cross-town travel routes – Jonathan Moore Pike (SR 46) and I-65 between SR 46 and SR 58.
- Other Notes:** The Bethel Village (Area 4) White River backflow preventer provides protection from White River unless Denios Creek and/or neighborhood drains are also flooding.

Driftwood River

Flood Impacts (see also Appendix E-5)

- Lowell Road bridge closed due to flooding.
- Structures in the Front Door East / Jonathan Moore Pike area (Area 10) closest to the Driftwood River may begin to experience minor lawn and parking lot flooding.
- Tellman Camp Road area (Area 15) is severely flooded.
- Mill Race Park is flooded.

Response Considerations*

- Priority 1:** Tellman Camp area (Area 15)
- Priority 3:** Business on the north side of Jonathan Moore Pike (Area 10).

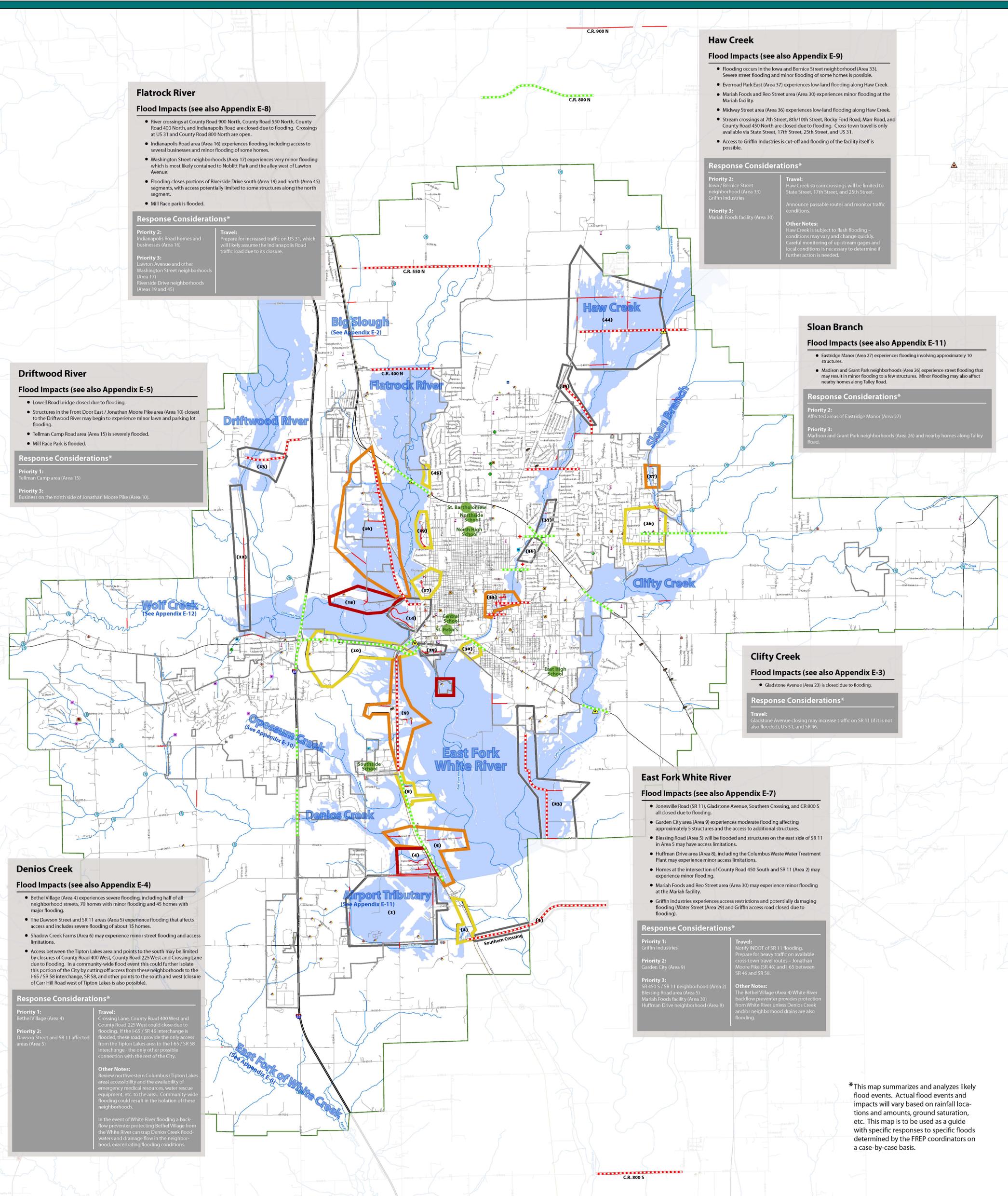
Denios Creek

Flood Impacts (see also Appendix E-4)

- Bethel Village (Area 4) experiences severe flooding, including half of all neighborhood streets, 70 homes with minor flooding and 45 homes with major flooding.
- The Dawson Street and SR 11 areas (Area 5) experience flooding that affects access and includes severe flooding of about 15 homes.
- Shadow Creek Farms (Area 6) may experience minor street flooding and access limitations.
- Access between the Tipton Lakes area and points to the south may be limited by closures of County Road 400 West, County Road 225 West and Crossing Lane due to flooding. In a community-wide flood event this could further isolate this portion of the City by cutting off access from these neighborhoods to the I-65 / SR 58 interchange, SR 58, and other points to the south and west (closure of Carr Hill Road west of Tipton Lakes is also possible).

Response Considerations*

- Priority 1:** Bethel Village (Area 4)
- Priority 2:** Dawson Street and SR 11 affected areas (Area 5)
- Travel:** Crossing Lane, County Road 400 West and County Road 225 West could close due to flooding. If the I-65 / SR 46 interchange is flooded, these roads provide the only access from the Tipton Lakes area to the I-65 / SR 58 interchange – the only other possible connection with the rest of the City.
- Other Notes:** Review northwestern Columbus (Tipton Lakes area) accessibility and the availability of emergency medical resources, water rescue equipment, etc. to the area. Community-wide flooding could result in the isolation of these neighborhoods.
- In the event of White River flooding a back-flow preventer protecting Bethel Village from the White River can trap Denios Creek floodwaters and drainage flow in the neighborhood, exacerbating flooding conditions.



*This map summarizes and analyzes likely flood events. Actual flood events and impacts will vary based on rainfall locations and amounts, ground saturation, etc. This map is to be used as a guide with specific responses to specific floods determined by the FREP coordinators on a case-by-case basis.

DISCLAIMER: This map is intended to provide a general overview of flood impacts. It is not a guarantee of flood depth or extent. Flood depths are based on historical data and may vary. The map is for informational purposes only and should not be used for engineering or construction purposes. The City of Columbus is not responsible for any damages or losses resulting from the use of this map.

Legend:

- Major Transportation Route (Closed)
- Major Transportation Route (Open)
- Road Segments Inundated by 10-Year Flood
- City of Columbus
- Neighborhoods with Frequent Flooding
- Areas where flooding can occur by either the East Fork White River or its tributaries (highest depth is shown)
- Locations with Unknown Overlapping
- Neighborhood Reference Number

Potential Red Cross Shelter Site Status*

Location: Flood Safe, Questionable, Compromised

Note: Mt. Healthy School is also a flood-safe shelter site (not on map).

*The designated shelter sites for each specific flood shall be determined by the Red Cross and may vary based on the needs created by that event.

10-year Flood Stream Gage Readings

- 15.4 feet East Fork White River @ Columbus 2nd Street Bridge
- 15.8 feet Driftwood River @ Edinburg
- 15.6 feet Flatrock River @ Columbus US 31 Bridge
- 14.6 feet Haw Creek @ Clifford
- 19.2 feet Clifty Creek @ Columbus SR 46 Bridge

Likely Flood Response Priorities

Priority 1 Areas: Those that will likely be inundated by flood waters to the extent that structures will be flooded and human life and safety will be at risk. Based on flood-specific conditions FREP coordinators shall determine if the appropriate response is evacuation or shelter-in-place. During typical flood events evacuation is likely needed. Refer to the flood depth maps for more information.

Priority 2 Areas: Those that will likely be inundated by moderate or varying amounts of flood water. The extent of the flooding will range from minor street flooding to inundation of structures. Based on flood-specific conditions the FREP coordinators shall determine if the appropriate response is evacuation or shelter-in-place. If the flooding is expected to worsen, evacuation may be needed. Refer to the flood depth maps for more information.

Priority 3 Areas: Those that will likely be affected by some amount of flooding; potentially limited to street flooding with minimal threat to structures. Based on flood-specific conditions the FREP coordinators shall determine the appropriate response. These areas should be monitored and re-evaluated if flooding worsens. Refer to the flood depth maps for more information.