

### Flatrock River

#### Flood Impacts (see also Appendix E-6)

- River crossings at County Road 900 North, County Road 550 North, County Road 400 North, Indianapolis Road, and US 31 are closed due to flooding. Crossings at US 31 and 800 North are open.
- Flood waters may over-top Flatrock Drive in the Noblist Falls neighborhood (Area 18) resulting in severe flooding of numerous structures. Flatrock Drive over-topping begins with Flatrock River gage at approximately 19 feet (per USGS preliminary inundation mapping).
- Washington Street neighborhoods (Area 17) experience severe flooding, possibly affecting up to 50 structures, and minor flooding of an additional 70 structures. Washington, Franklin, and other neighborhood streets are closed due to flooding.
- Indianapolis Road area (Area 16) experiences severe flooding, including loss of access to 20 structures and severe flooding of 15 structures.
- Commerce Park area (Area 21) and Long Road area (Area 22) experiences minor access road flooding, with some potential threat to businesses.
- Flooding closes Riverside Drive south (Area 19) and north (Area 45) segments, with access potentially limited to some structures along the north segment.

#### Response Considerations\*

<p><b>Priority 1:</b> Noblist Falls (Area 18) Lawton Avenue and other Washington Street neighborhoods (Area 17) Indianapolis Road area (Area 16)</p> <p><b>Priority 2:</b> Commerce Park (Area 21) Long Road businesses (Area 22) Riverside Drive neighborhoods (Areas 19 and 45)</p>	<p><b>Travel:</b> Announce and prepare for heavy traffic on alternate Flatrock River crossings US 31 and CR 800 N.</p> <p>Prepare alternative routes to address likely closure of Washington and Franklin Streets north of downtown Columbus.</p> <p><b>Other Notes:</b> The threat to the Noblist Falls (Area 18) should be thoroughly assessed. Sandbagging at select locations could prevent or delay flood water inundation of the neighborhood's internal lagoons and possibly prevent homes from flooding.</p>
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### Driftwood River

#### Flood Impacts (see also Appendix E-4)

- I-65/SR 46 interchange is closed. SR 46 is closed between I-65 and Downtown Columbus, and the Lowell Road Bridge is closed due to flooding. The west side of Columbus (Tipton Lakes, Woodside, etc.) is likely effectively cut off from the rest of the City due to White River flooding of Jonesville Road and other southern access routes.
- Front Door East/ Jonathan Moore Pike area (Area 10) is severely impacted by flooding, including flooding of some businesses and flooding of access roads to other businesses.
- Front Door West/ Westhill area (Area 11) is severely impacted by flooding, including flooding of some businesses and flooding of access roads to other businesses.
- Tellman Camp Road area (Area 15) is severely flooded.
- Mill Race Park is flooded.

#### Response Considerations\*

<p><b>Priority 1:</b> Hotels and other businesses at I-65/SR 46 Interchange (Areas 10 and 11) Tellman Camp area (Area 15)</p>	<p><b>Travel:</b> Notify INDOT of suspected SR 46 flooding. Announce and prepare for heavy traffic on alternate cross-town travel routes: I-65 at SR 58 to I-65 at US 31, US 31/National Road and CR 800 North to Marr Road.</p> <p><b>Other Notes:</b> Review northwestern Columbus (Tipton Lakes area) accessibility and the availability of emergency medical resources, water rescue equipment, etc. to the area.</p>
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### Denios Creek

#### Flood Impacts (see also Appendix E-3)

- Bethel Village (Area 4) experiences severe flooding including half of all neighborhood streets, 70 homes with minor flooding, and 45 homes with severe flooding.
- The Dawson Street and State Road 11 areas (Area 5) experience flooding that affects access and includes severe flooding of about 13 homes.
- Shadow Creek Farms (Area 6) experiences access limitations due to 150 West flooding.
- Access between the Tipton Lakes area and the I-65/State Road 58 interchange could be cut off by flooding of County Road 400 West, County Road 225 West, and Crossing Lane. In a community-wide flood event this could further isolate this portion of the City. Closure of Car Hill Road and Goeller Road west of Tipton Lakes is also possible.

#### Response Considerations\*

<p><b>Priority 1:</b> Bethel Village (Area 4)</p> <p><b>Priority 2:</b> Dawson Street and State Road 11 affected areas (Area 5)</p> <p><b>Priority 3:</b> Shadow Creek Farms (Area 6)</p>	<p><b>Travel:</b> Crossing Lane, County Road 400 West and County Road 225 West are likely closed due to flooding. These roads provide the only access from the Tipton Lakes area to the I-65/State Road 58 interchange - the only other possible connection with the rest of the City.</p> <p><b>Other Notes:</b> 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.</p>
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### East Fork White River

#### Flood Impacts (see also Appendix E-5)

- Jonesville Road (SR 11), Gladstone Avenue, Southern Crossing, and County Road 800 South are all closed due to flooding.
- Garden City area (Area 9) experiences severe flooding affecting approximately 45 structures.
- Potential flooding in Bethel Village (Area 4) affecting 50 structures resulting from White River flood waters backing up into Denios Creek.
- Dawson Street neighborhood (Area 5) may experience flooding resulting from White River floodwaters backing up Denios Creek. Blessing Road will be flooded and structures on the east side of SR 11 in Area 5 will have access limitations.
- Huffman Drive area (Area 8), including the Columbus Waste Water Treatment Plant experiences access restrictions and minor flooding.
- Homes at the intersection of County Road 450 South and State Road 11 (Area 2) flooded.
- The Mariah Foods/Reo Street area (Area 30) experiences potentially severe flooding, resulting from White River flood waters backing up Haw Creek.
- Griffin Industries (Area 46) experiences access restrictions and potentially severe flooding. (Water Street (Area 29) and Griffin access road closed due to flooding).

#### Response Considerations\*

<p><b>Priority 1:</b> Griffin Industries (Area 46) Garden City (Area 9)</p> <p><b>Priority 2:</b> Dawson Street Neighborhood (Area 5) Mariah/Reo Street (Area 30) Bethel Village (Area 4)</p> <p><b>Priority 3:</b> CR 450 S/ SR 11 (Area 2) Huffman Drive (Area 8) Blessing Road (Area 5)</p>	<p><b>Travel:</b> Notify INDOT of State Road 11 flooding. Announce and prepare for heavy traffic on alternate cross-town travel routes: I-65 at SR 58 to I-65 at US 31, US 31, and CR 800 North to Marr Road.</p>
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### Haw Creek

#### Flood Impacts (see also Appendix E-7)

- Severe flooding occurs in the Iowa and Bernice Street neighborhood (Area 33). Severe street flooding and minor to severe flooding of approximately 100 homes is possible. Portions of Central Avenue may be flooded.
- Severe flooding occurs in the Cummins Tech Center/ Pleasant Grove area (Area 32). Cummins Tech Center is flood wall protected but severe flooding is likely in the adjacent neighborhood. Minor flooding of the Cummins Child Care Center building is also possible.
- Eastbrook Shopping Center (Area 38) experiences parking lot flooding. Flooding of the shopping center itself and the stream-side bank is also possible.
- Everroad Park West (Area 38) experiences street flooding and minor flooding of about 20 homes. The single access street to the neighborhood may be closed due to flooding.
- Everroad Park East (Area 37) experiences minor flooding of about 10 homes and severe flooding of about 15 homes.
- Candlelight Village and Northbrook neighborhoods (Area 41) experience street flooding, with flooding of some homes also possible.
- Windsor Place and Hillcrest neighborhoods (Area 40) experience street flooding that limits access to about 60 structures. Minor flooding of structures is possible.
- 17th Street and Keller Neighborhood (Area 34) experiences street flooding and minor flooding of some homes.
- Mariah Foods and the Reo Street area (Area 30) experiences flooding affecting about 15 homes and the Mariah facility.
- Midway Street area (Area 36) experiences flooding of approximately 5 structures and the flooding of the Columbus Regional Hospital parking lots.
- Sycamore Bend and Arrowwood neighborhoods (Area 42) experience street flooding. Flooding of Arrowwood homes and the Willowood Apartments is also possible.
- Access to Griffin Industries (Area 46) is cut-off and severe flooding of the facility itself is possible.
- Stream crossings at State Street, 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 17th Street, 25th Street, and US 31.
- Columbus Regional Hospital (Area 35) is floodwall protected, but parking areas outside of the floodwall may experience flooding.
- 2nd and 3rd Streets west of State Street (Area 31) as well as portions of Central Avenue are closed due to flooding. Flooding of nearby businesses is also possible.

#### Response Considerations\*

<p><b>Priority 1:</b> Cummins Child Care Center and Pleasant Grove area homes (Area 32) Iowa/Bernice Street neighborhood (Area 33) Affected areas of Everroad Park West (Area 37) Mariah Foods and Reo Street Neighborhood (Area 30) Griffin Industries (Area 46)</p> <p><b>Priority 2:</b> Everroad Park West (Area 38) Eastbrook Shopping Center (Area 38) Affected areas near Midway Street (Area 36) Windsor Place and Hillcrest (Area 40) Sycamore Bend and Arrowwood area (Area 42) CEP and 2nd Street (Area 31)</p> <p><b>Priority 3:</b> 17th and Keller (Area 34) Candlelight Village and Northbrook Area (Area 41) Columbus Regional Hospital area (Area 35)</p>	<p><b>Travel:</b> Haw Creek stream crossings will be limited to 17th Street, 25th Street, and US 31. While the State Street Bridge remains open, flooding is occurring to the immediate west along 2nd and 3rd Streets.</p> <p><b>Other Notes:</b> Haw Creek is subject to flash flooding - conditions may vary and can change quickly. Careful monitoring of up-stream gages and local conditions is necessary to determine if further action is needed.</p>
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### Sloan Branch

#### Flood Impacts (see also Appendix E-9)

- Eastridge Manor (Area 27) experiences severe flooding, with 15 structures having minor flooding, and 3 additional structures having severe flooding. Elizabeth Street is closed due to flooding.
- Madison and Grant Park neighborhoods and Flintwood Addition (Area 26) experience street flooding that may result in minor flooding of some structures. Flooding may also affect nearby homes along Talley Road.
- Talley Road is closed in several locations due to flooding.
- 25th Street may be affected by flooding both west of Talley Road and at the Sloan Branch bridge.

#### Response Considerations\*

<p><b>Priority 1:</b> Affected areas of Eastridge Manor (Area 27)</p> <p><b>Priority 2:</b> Madison and Grant Park neighborhoods and Flintwood Addition area (Area 26) Talley Road homes (Area 26)</p>	<p><b>Travel:</b> Talley Road will be closed in several locations Prairie Streams neighborhood may be isolated</p> <p>25th Street may be affected; an alternate route through McCullough's Run may be possible.</p>
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### Clifty Creek

#### Flood Impacts (see also Appendix E-2)

- Gladstone Avenue is closed due to flooding.
- Wehmeier Addition/ Columbus East High School (Area 24) is impacted by street flooding and potential flooding of 50 homes. Steinhurst Manor apartments may experience flooding.
- Flooding nears Sandy Hook/ Clifty Crossing Area (Area 25).
- Flooding approaches homes on the south side of Regency Drive area (Area 28).
- Clifty Park is flooded.

#### Response Considerations\*

<p><b>Priority 1:</b> Wehmeier Addition (Area 24)</p> <p><b>Priority 3:</b> Steinhurst Manor (Area 24) Sandy Hook/ Clifty Crossing Area (Area 25) Regency Drive area (Area 28)</p>	<p><b>Travel:</b> Gladstone Avenue closing may increase traffic on State Road 11 (if not flooded), US 31, and State Road 46.</p>
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\* 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 FRP coordinators on a case-by-case basis.

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

**DISCLAIMER**  
Flood extents/depths shown on this map were determined based on Flood Insurance Study models (CFRIL, Indotrac models Sloan Branch, Airport Tributary, Haw Creek, and Driftwood River LDRB), and USGS modeling (East Fork White River and Flatrock River Flood Map Inundation Libraries). These models assume that levee gates 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 from flooding for this frequency flood.

Therefore, the information on this map provides a guide for flood locations but must be combined with actual observations for additional guidance.

Additional flood impacts and unimpacted 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 unnamed roads

**Potential Red Cross Shelter Site Status\***

**Flood Safe**  
**Questionable**  
**Compromised**

Note:  
Mt. Healthy School is also a flood-safe shelter (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 the event.

**100-year Flood Stream Gage Readings**

19.9 ft	East Fork White River @ Columbus 2nd Street Bridge
17.9 ft	Driftwood River @ Edinburgh
18.6 ft	Flatrock River @ Columbus US 31 Bridge
17.9 ft	Haw Creek @ East Columbus
14.5 ft	Haw Creek @ Clifford
21.5 ft	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, the FRP coordinator 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, FRP 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 FRP coordinator 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.

**Areas of Potential Risk**  
Those that will likely experience some degree of flooding if flooding becomes more severe. During this event, these areas will not likely experience flooding in streets or structures, but should be monitored if flood depths begin to increase. Refer to the flood depth maps for more information.