



RIVER FLOOD ACTION PLAN

*RIVER LEVEL FLOODING RESULTS

11.1 Feet *Minor flooding* (At this river level, water is moving at a flow rate of 63,472 gallons/second)
River breaches bank on the west side of Custenborder Field near the Raw Water Pump Station

12.1 Feet *Minor flooding* (At this river level, water is moving at a flow rate of 74,676 gallons/second)
River breaches bank on Riverside Drive

- ❖ Flooding of Custenborder Field at East River Intake
- ❖ Flooding of homes along the Great Miami River on Riverside Drive from BK Root Beer Stand to the City Limits

14.6 Feet *Moderate flooding* (At this river level, water is moving at a flow rate of 108,275 gallons/second)
River breaches west bank on County Rd 25A South

- ❖ County Rd 25A near Cemetery will flood north to the Big Four Bridge where the Jersey Barriers are located

18.02 Feet *Major flooding* (At this river level, water is moving at a flow rate of 160,544 gallons/second)
River breaches Jersey Barriers on South Ohio in front of Big Four Bridge

- ❖ Flooding of Crescent Drive Area
- ❖ Flooding of South Ohio Area
- ❖ Flooding of Brooklyn Ave Area

18.54 Feet *Record Flooding* (At this river level, water is moving at a flow rate of 171,748 gallons/second)
River breaches 100 yr floodwall

- ❖ Entire south end of the City is flooded

NATIONAL WEATHER SERVICE DEFINITIONS

Minor flooding: Minimal property damage, but possibly some public threat or inconvenience (isolated road flooding)

Moderate flooding: Some inundation of structures and roads near stream. Some evacuations of people and/or transfer of property to higher elevations are necessary

Major flooding: Extensive inundation of structures and roads. Significant evacuations of people and/or transfer of property to higher elevations

Record Flooding: Flooding which equals or exceeds the highest stage or discharge at a given site during the period of record keeping

* As measured by River Level Gauge Reading at North Street Bridge

- North Street Bridge: 0 ft = 924.70 elevation
- Big Four Bridge: 0 ft = 917.33 ft elevation

THE FOLLOWING ACTION STAGES MAY VARY DUE TO:

WEATHER FORECAST

EXISTING GROUND CONDITIONS

REPORTS OF FLOODING IN UPSTREAM WATERSHED

***ACTION STAGE – CITY RESPONSE**

- 10.5 Feet** Water Treatment Plant contact:
- Fire Department
 - Parks & Recreation Department
 - Public Works Director
 - Utilities Director
 - City Manager

Assignments

- Fire Department:
 - Prepare river rescue equipment
 - Advise City residents on Riverside Drive from Custenborder Field to City Limits – advise of rising water levels.
- Parks Department:
 - Move park equipment out of Custenborder Field.
- Utilities Department:
 - Start Stormwater Screw Pumps on Enterprise and South Miami.
- Water Treatment Plant:
 - Initiate monitoring of River Levels every 30 minutes.
- City Manager:
 - Issue Public Notice of rising river levels.
 - Advise residents to monitor river levels at www.sidneyoh.com website.

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- 12.1 Feet** Water Treatment Plant contact:
- Fire Department
 - Parks & Recreation Department
 - Community Development Director
 - Utilities Director
 - Public Works Director
 - City Manager

Assignments

-Fire Department:

- Monitor Riverside Drive & Brooklyn Ave Residential Areas for Flooding

- Parks Department:

- Monitor Water Levels At Custenborder Field

- Community Development Director

- Monitor Structural Damage Due to Flooding

- Public Works Director:

- Email Staff Advising Not to Call River Gauge. WTP use only.

13.5 Feet Water Treatment Plant contact:

- Police & Fire Department
- Parks & Recreation Department
- Utilities Director
- Public Works Director
- City Manager

Assignments

- Utilities Department:

- Personnel start filling sand bags
- Setup Jersey barriers on South Main in front of the Big Four Bridge. Barriers to be installed per attached drawing.
- Place sandbags at river bank south of Big Four Bridge at low spot.
- Place sandbags behind church at Berger Park on S. Miami.
- Initiate 24 hr monitoring of river and barriers.

- *Street Department:

- Personnel start filling sand bags.
- Setup Traffic Detour per attached drawing.

- *Parks Department:

- Personnel start filling sand bags.
- Assist Utilities and Street if available.

-Wastewater Treatment Plant:

- Setup sandbags around Raw Sewage Pump Station.

- Fire Department:

- Monitor Riverside Drive and Brooklyn Ave Residential Areas for Flooding.

* Depending on staff availability

14.2 Feet Water Treatment Plant contact:

- City Manager
- Public Works Director

- Call Utilities Director
- Police & Fire Department

Assignments

Emergency Operations Center Activated

- Supervisors Report to Fire Station #1
 - Non-Supervisory Personnel Report to Service Center
 - City Staff review attached 100 yr Flood Map to determine evacuation areas
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14.6 Feet Water Treatment Plant contact:

- City Manager
- Public Works Director
- Call Utilities Director
- Police & Fire Department

River bank south of Big Four Bridges is breached

Assignments

- As determined by EOC
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18.02 Feet Water Treatment Plant contact:

- City Manager
- Public Works Director
- Call Utilities Director
- Police & Fire Department

River breaches Jersey Barriers

Assignments

- As determined by EOC
-

18.3 Feet Water Treatment Plant contact:

- City Manager
- Public Works Director
- Call Utilities Director
- Police & Fire Department

River breaches 100 Yr. Flood Wall

Assignments

- As determined by EOC
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