



The Flood Game

Flood Response Guidelines

As the flood progresses, your community will face increasing risk. Use this guideline to think about what resources you need to respond to the changing situation.

Flood Levels	Immediate Actions	Secondary Actions
Level 0 No Flooding 	No flood control action needed—address the Community Challenge .	
Level 1 Flood Warning 	Task a: Send alert with <u>automated alert/notice system</u> via email, social media, reverse 911 Task b: <u>Volunteer teams</u> ready to move equipment to vulnerable river banks (▲) Task c: Confirm <u>alternate evacuation routes</u> Task d: <u>Emergency personnel</u> on alert and ready Task e: Request additional <u>police officers</u> to be available with traffic redirection	Task f: Have <u>road signs</u> or <u>road barricades</u> ready to deploy to vulnerable roadways Task g: <u>Volunteer team</u> ready to help with evacuation (▲) Task h: Arrange <u>alternative school facilities</u> Task i: Organize neighborhood info meeting (▲)
Level 2 Minor Flooding 	Task a: Send alert with <u>automated alert/notice system</u> Task b: Deploy <u>volunteer teams</u> to evacuate people and businesses in the flood zone (▲) Task c: Preparation of <u>sandbags</u> Task d: Use <u>road barricades</u> to close vulnerable roads Task e: Arrange <u>alternative school facilities</u>	Task f: Prepare city's <u>flood pumps</u> Task g: Assemble <u>volunteer safety supplies</u> Task h: Coordinate a <u>volunteer team</u> to assist those who need help evacuating or protecting their homes (▲) Task i: Find replacement for flooded day care center (▲)
Level 3 Moderate Flooding 	Task a: Send alert with <u>automated alert/notice system</u> Task b: Provide <u>volunteer safety supplies</u> to volunteers Task c: Make <u>state emergency response request</u> Task d: Activate city's <u>flood pumps</u> Task e: Use a <u>volunteer team</u> to assist those who need help evacuating or protecting their homes (▲)	Task f: Designate <u>alternative evacuation route</u> Task g: Set up <u>emergency shelters & supplies</u> Task h: Place <u>public transportation systems</u> on standby Task i: Address neighborhood power outage (▲)
Level 4 Major Flooding 	Task a: Send alert with <u>automated alert/notice system</u> with flood warning and evaluation route Task b: Coordinate <u>volunteer teams</u> to repair additional bank/levee vulnerabilities Task c: Activate <u>emergency shelters & supplies</u> Task d: Activate <u>public transportation system</u> for assistance with evacuation Task e: Activate secondary <u>volunteer teams</u> to support first responders (childcare, etc.) (▲)	Task f: <u>Police officers</u> monitor roadways to ensure that evacuees can get out Task g: Deploy additional <u>road signs</u> to help with increases in evacuation efforts Task h: Deploy <u>medic team</u> for affected residents (▲) Task i: Fix leaking roofs in neighborhood (▲)



Individual Resource Cards: Symbol indicates task where Individual Resource Card can replace Community Resource Card.



BREACH: When a breach occurs (a break in the river bank or levee), your town will need the following to repair it:

- 200 sandbags
- Volunteer team to fill and transport sandbags
- 4x4 vehicles to transport sandbags and volunteers to affected area

Plus at least one of the following:

- 1 medic team to assist
- 1 emergency coordinator
- 5 hand tool sets (shovels, saws, axes)

OR

You can use a Levee System or Natural Flood Barrier card to fix the breach.

