

HEAVY RAINFALL

Are you ready?

A few thoughts to consider

ROOF / GUTTERS / DOWNSPOUTS

- Are there any known leaks that should be fixed in your home's roof, foundation, around vents, doors, or windows?
- Have you asked everyone in your household about known leaks when it rains?
- How long has it been since your roof was inspected?
- Are there known areas where debris collects in your gutters and can this restriction be resolved?
- Are your gutters and downspouts clean and in good working order?
- Have you thought about using screw-in gutter brackets if your gutters are bent in a few places?
- Regarding higher peak flow during heavier rains, have you considered larger downspouts?
- Have you considered longer downspout extensions?
- Do your downspouts drain into large areas of your yard or a rain garden and not toward other structures?

APPLIANCES

- Can the appliances - for example, HVAC, hot water heaters, and well pumps - on the lower levels of your home be elevated or attached to the wall (so they don't float and/or become damaged during flooding)?
- Do you recall when your sump pump was tested? Do you have or have you considered a sump pump battery back up system? If yes, is the battery on your sump pump more than five years old (if so, you may wish to consider replacing it)?
- Regarding your sump pump exit, have you considered adding a clear body, one-way valve?
- Is your dehumidifier (and its drain) in good working order?

YARD

- Is erosion occurring near the area your downspout is exiting (if so, you may wish to consider the addition of rain gardens, drywells or some other method to spread water out)?
- Are there areas adjacent to your home where water pools after rain (if so, you may wish to consider adding a surface drain, drywell, rain garden, and/or other measure)?
- Is there room in your yard to plant water absorbing trees (be mindful of utilities - both above and under ground)?
- Are there patches of bare soil in your yard (if so, you may wish to consider planting shade tolerant and pest resistant native plants)?
- Have you considered aerating hard packed areas of your lawn to increase rainwater infiltration?
- Are all seals on the bottom of ground-level doors clean and flexible?



*Bringing resources
together during
times of need...*

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USEFUL LINKS FOR GETTING YOUR HOME READY FOR HEAVY RAINFALL

General Flooding preparedness

<https://www.floodsmart.gov/disaster-response#:~:text=FEMA%E2%80%99s%20National%20Flood%20Insurance%20Program%20is%20standing%20by,you%20with%20timely%20and%20helpful%20flooding%20disaster%20information>

Easy way to get longer downspout extensions out of the way while mowing

<https://www.youtube.com/watch?v=7joR2hGLqyY>

Stronger gutter attachments

<https://www.youtube.com/watch?v=wZ4TSisTxhk>

Downspout upgrade

<https://www.youtube.com/watch?v=GigKrurSm2E>

Gutter to downspout funnels

<https://www.gutterworks.com/shop-online/downspout-products-2/over-size-outlets-big-mouths-33/maxx-flo-outlet-for-3x4-downspouts>

Wide mouth gutter outlet upgrade

<https://www.youtube.com/watch?v=n66exEWSnEQ>

DIY dry well install for a downspout

<https://www.youtube.com/watch?v=AzdcTcvd5HI>

Sump Pump replacement

<https://www.youtube.com/watch?v=9b7SyekmhqI>

How to pick a sump pump

<https://www.sumpumpsdirect.com/stories/335-How-to-Pick-the-Perfect-Primary-Sump-Pump.html>

Clear one-way valves (for sump systems)

<https://shop.pumps.py.com/product-tag/clear-check-valve/>

Adding a catch basin to collect surface water

<https://www.youtube.com/watch?v=aNydfvIzqPE>

Volunteer to keep storm drains clear through City of Bloomington's ADOPT-A-DRAIN program,

<https://bloomington.in.gov/utilities/stormwater/adopt-a-drain>

(must be within City limits)

<https://bloomington.in.gov/utilities/stormwater/adopt-a-drain>

