



Hurricane Emergency and Relief Guide

Published November 2022

WHAT TO DO IF YOU STAY HOME DURING A HURRICANE?

This book tells a small story with possible big consequences. In these pages you will find preparedness lists of what to do if you stay home during a hurricane. This booklet will help prepare you before, during and after a hurricane and promote sustainability through reducing single use plastic, which is linked to global warming and increased hurricane intensity.

By creating this book, we offer the idea to our users that "action is the antidote to despair", as a reminder to take care of ourselves and our environment.

CONTENTS

What to Do if You Stay Home During a Hurricane?	2
GO-Pack	4
Preparedness and Guidelines	5
Preparing Before the Hurricane	6
Supplies to Take to the Shelter	7
During a Hurricane and After the Storm	8
How to Keep Kids Busy	9
Games	10
Sawyer Water Filter Facts and Figures	14
Plastic Pollution	15
Water Pollution	17
State Agencies and Emergency Responders	18
Acknowledgements	19

GO-PACK



In 2022, we created an educational tool, called the Hurricane GO-Pack to teach about sustainability and to properly prepare for a hurricane. These water-resistant backpacks have six important objects inside.

1. The Sawyer Water Filtration System that cleans up to 100,000 gallons of water and helps offset buying single-use plastic bottled water, which contributes to global warming and increased hurricanes.
2. A solar light charged by the sun.
3. A large tarp with a symbol on it to be seen from above for evacuation.
4. Bandana's printed with evacuation routes to local shelters and other information.
5. Cloud-shaped hand soother stone to put in your pocket and touch to help soothe anxiety and calm nerves during a hurricane.
6. A series of dry sacks are included to keep your important papers and photographs dry.

PREPAREDNESS AND GUIDELINES



Your local news stations, county emergency center, and FEMA will have information on the severity of the storm and whether you must evacuate or can stay. To prepare, make an evacuation & transportation plan for either evacuating or staying home. Local shelters welcome everyone. Citizens with special needs will have to make specific preparations. To protect your pets, create a Pet Kit that includes supplies, records, a pet crate, include your address and phone number, a leash and collar with rabies tag and ID, a picture of your pet and a small box with litter for cats. If you have more questions, please visit our [State Agencies and Emergency Responders](#) page.

PREPARING BEFORE THE HURRICANE

- ④ NO NEED TO BUY WATER! Fill bathtub, buckets, pans empty bottles with water.
- ④ Freeze water in containers to make ice.
- ④ Use a Water Filter System to provide clean water!
- ④ Visit local sandbag locations to fill sandbags for low areas of entry in your home.
- ④ Tie down or bring in items that may fly around during the storm.
- ④ Fill your car, generator and extra tanks with fuel.
- ④ A two-week supply of food and pet food.
- ④ Flashlights, batteries & matches.
- ④ Battery-powered or hand crank radio.
- ④ A first -aid kit extra medical prescriptions.
- ④ A two-week supply of special dietary needs.
- ④ Cash on hand and put important papers in waterproof bags (family documents, including driver's license, insurance information, out-of-area contact, medical information).
- ④ Extra personal hygiene items, ie, diapers available.
- ④ Power up your cell phone and add emergency apps.
- ④ Locate PPE masks, gloves, duct tape, multi-purpose

tools and GO-Pack if borrowed from library.

- ☐ Books and puzzles that don't require electricity.

SUPPLIES TO TAKE TO THE SHELTER

- ☐ Toiletries and diapers if you are sheltering with young children.
- ☐ Prescription medications.
- ☐ Identification and any important documents.
- ☐ Special dietary needs.
- ☐ Blankets, pillows, and/or sleeping bags.
- ☐ Books, puzzles or other entertainment that do not require electricity.

DURING A HURRICANE

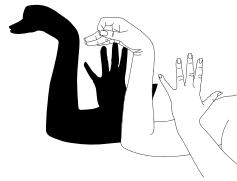
- ④ Set up a safe area with food, candles and the radio.
- ④ Listen for any unusual wind patterns and be ready to move to an interior safer room.

AFTER THE STORM

- ④ Carefully check your property—wires may be down and exposed.
- ④ Check-in with neighbors to make sure everyone's safe and healthy.
- ④ Post your safety or needs on social media.
- ④ Listen to local radio for emergency information on for road closures, power outages, flooding, and access to emergency relief.

HOW TO KEEP KIDS BUSY

- ④ Involve the kids in preparations and have them pack a supply kit just for them.
- ④ Take a trip to your local library to stock up on books and learn about the GO-Pack and water sustainability during a hurricane.
- ④ Have your children pick anything from the garden before the storm comes.
- ④ Give kids their very own flashlight. This will help them feel more secure.
- ④ Play flashlight tag.
- ④ Build a fort with blankets and pillows to create a safe “nest” in your home.
- ④ Plan fun activities with card games and puzzles to pass the time.
- ④ Tell ghost stories.
- ④ Eat all of the ice cream.



GAMES



SHADOW PICTURES

Use a large sheet and a lamp, candle or flashlight. Fasten or clip on a sheet stretched between a doorway or a space with the audience on one side and the actors on the other. Place the light about 6-feet back from the center, while the performers are close to the sheet. The more distant the light from the sheet, the smaller will be the shadow. Dramatization of animals, cartoons or popular dance moves can all be performed!

PYRAMID BUILDING

The object of the game is to build a pyramid of words, beginning first with a one-letter word, and working up, adding an extra-letter word on each line. The person with greatest "base-line" pyramid is the winner.

I
am
hot
heat
waste
plastic
weather
warming
hurricane

THE PHILOSOPHER QUESTION

The philosopher had a brother and the brother died, but the man who died had no brother. How do you explain this?

EXQUISITE CORPSE

Take turns drawing sections of a body on a sheet of paper, folding each section to hide the earlier drawing. The first player starts by adding a head—then, without knowing what that head looks like, the next artist adds a torso, and so on. In this way, a strange, comical creature is born.

ICE CUBES

Split everyone into two even teams. On 'Go', the first player of each team picks up an ice cube and tries to melt it as quickly as they can. They can rub it between their hands or on their clothes, but they can't put it in their mouths, break it, or use any equipment (e.g., a lighter). No one is allowed to keep a cube for more than a few seconds. Make sure the cubes are being passed between players. The first team to melt the cube (or tray of cubes) wins.

LAUGHING GAME

Each player has to laugh around the table, and then others have to make sure they don't break out in laughter when it's not their turn.

FIBBER

Each player works from a prompt to tell a true story about their past. However, they must include one lie, big or small, which they'll try to get past the other players. After the story, the other players have a chance to ask a few follow-up questions before each, making one guess at the lie.

WORD PUZZLE

H	N	J	I	M	U	V	T	C	P
C	U	J	U	K	C	E	Y	L	C
S	Y	R	V	N	Y	W	P	O	A
E	W	C	R	E	E	H	H	C	T
A	G	W	L	I	Q	W	O	K	E
S	J	I	G	O	C	E	N	W	G
O	U	N	Z	G	N	A	T	I	O
N	K	D	T	P	Q	E	N	S	R
L	A	N	D	F	A	L	L	E	Y
D	I	A	M	E	T	E	R	H	P

HINT: ANY DIRECTION WILL WORK

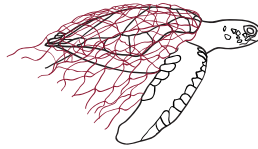
Hurricane
Category
Diameter
June
Typhon
Season
Cyclone
Clockwise
Eye
Landfall
Wind
Flooding

SAWYER WATER FILTER FACTS AND FIGURES



The Sawyer water filter system cleans up to 100,000 gallons of water from any source. The filter can clean dirty water just as easily as it can clean regular faucet water. If you drink 100-ounces a day, the filter will last for 128,000 days or 350 years. The consumer saves \$141,735.35 for each Sawyer Water filter used, which saves 757,376 single-use plastic bottles. The Sawyer water filter system is sold at big box stores.

PLASTIC POLLUTION



- In 1950, the world's population of 2.5 billion produced 1.5 million tons of plastic; in 2016, a global population of more than 7 billion people produced over 320 million tons of plastic. This is set to double by 2034.
- Plastic never rots and never goes away.
- Plastic breaks down into micro amounts. It eventually becomes small enough to pass through cell walls and migrate into organs and flesh.
- Today there are about 75 million metric tons of plastic in the marine environment, and in 5 years we can expect 150 million metric tons.
- Over 5 trillion pieces of microplastic are in the oceans—more than there are fish.
- We now each have about a credit card's worth of plastic in our body.
- There are plastic "islands" in the ocean gyres that are larger than the State of Texas.
- Everyday approximately 8 million pieces of plastic pollution find their way into our oceans.

- ④ 100,000 marine mammals and turtles and 1 million sea birds are killed by marine plastic pollution annually.
- ④ 44 percent of all seabird species, and 22 percent of cetaceans, all sea turtle species and a growing list of fish species have been documented with plastic in or around their bodies.

WATER POLLUTION



- ④ One in 9 people, some 783 million, live without access to safe water, while the average American uses about 100 gallons every day.
- ④ Europeans use 50 gallons of water per day and Sub-Saharan Africans use only 2–5 gallons of water per day.
- ④ Only 3 percent of Earth's water is freshwater, 97 percent of the water on Earth is salt water.
- ④ More than 25 percent of bottled water comes from a municipal water supply, the same place that tap water comes from.
- ④ A 10-meter rise in sea levels due to melting glaciers would flood 25 percent of the population of the United States.

STATE AGENCIES AND EMERGENCY RESPONDERS

- ④ <https://disaster.salvationarmyusa.org/>
- ④ [211 Big Bend](#)
- ④ [American Red Cross](#)
- ④ <https://www.fema.gov/about/contact>
- ④ [FEMA Hurricane Fact Sheet](#)
- ④ [Red Cross Hurricane Preparedness](#)
- ④ [National Government Hurricane Preparedness](#)
- ④ [RIDER Resources Page](#)
- ④ Follow your County's Hurricane Disaster Preparedness Guidelines for:
 - ④ Power Outages
 - ④ Road Closures/Driving
 - ④ Flooding

ACKNOWLEDGEMENTS

I am grateful to the following people who helped with this project; Savannah Cole, librarian extraordinaire, artist, Melissa Gonzalez-Lopez, Florida State University undergraduate researcher, Nadya Rexach-Rivera, Emily McWilliams, PhD. Art Administrator, Dr. Eren Erman Ozguven, Director of the Resilient Infrastructure and Disaster Response (RIDER) Center and Assistant Director, Will Hill. Marcia Mardis, a professor and Associate Dean for Research at the College of Communication and Information at Florida State University, has been essential to making these kits possible.

Within my College of Fine Arts, I am indebted to artist and teaching professor, Kevin Curry and Jessica Comas, the Development Officer from the College of Fine Arts. Jessica has helped with the creation of partnerships with Travis Avery from Sawyer International, who has generously supplied the water filter systems and been supportive from the beginning. We are also appreciative of LittleSun.org, who partnered with us and provided the solar lights

for the Go-Packs.

Lastly, I am deeply thankful to many others at Florida State University, and others in the community who directly or indirectly supported and participated in this environmental justice project with me, Holly Hanessian, educator and artist, working to promote social-change at Florida State University.



FLORIDA STATE
UNIVERSITY

