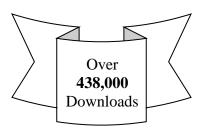


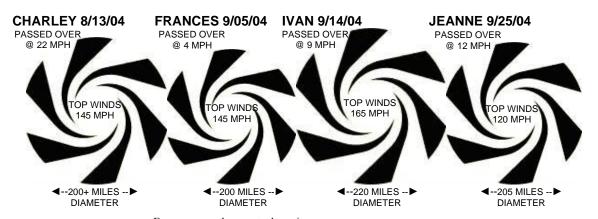
# **ENSMINGER'S HOUSEHOLD HURRICANE** PREPAREDNESS MANUAL



9th Edition, REVISED 8/28/2023

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#### A CHRONOLOGICAL CHECKLIST TO AID IN EFFICIENT HURRICANE DAMAGE, INJURY, & COST MITIGATION



Frances was the most damaging storm of 2004 because of her slow movement and sustained winds.

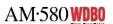
Atlantic Hurricane Season is June through November... August & September are the peak months. Add these dates to your calendars!

It's better that you prepare for the worst and the worst don't happen than having to face the worst-case scenario unprepared.	If a hurricane is heading your way you should plan for total devastation.  Plan for at least 5 days of no electricity and no water, even if you have a generator or water well.
If you buy lottery tickets every week for a 1-in-a-23 million chance to get rich, why not prepare for a 1-in-20 chance of something tragic happening?	The storm will be organized when it arrives will you be?

"Hands down the best laid out and informative Handbook I've seen to date" - Jeffrey Carelson, Safety Manager, Boeing SOF Aerospace

"The Hurricane Preparedness Guide you've put together is gold." B. Hatcher, DELL

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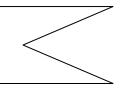






Used and recommended by:

Marriott Vacation Club's Loss Prevention Manager Hosted on the web site of the U.S. Coast Guard



# **TABLE OF CONTENTS**

INTRODUCTION	3
GENERAL INFORMATION AND TIPS	4
BEFORE HURRICANE SEASON BEGINSIF YOU MUST EVACUATE BEFORE THE STORM	
5 DAYS BEFORE THE STORM	
4 DAYS BEFORE THE STORM	
3 DAYS BEFORE THE STORM	
2 DAYS BEFORE THE STORM	
IF A TROPICAL STORM OR HURRICANE WATCH IS ISSUED	
1 DAY BEFORE THE STORM	8
IF A TROPICAL STORM OR HURRICANE WARNING IS ISSUED	
ON THE DAY OF STORM IMPACT1 DAY AFTER THE STORM	
2 DAYS AFTER THE STORM	
3 DAYS AFTER THE STORM	
MANY DAYS AFTER THE STORM	
IF YOU MUST EVACUATE AFTER THE STORM	10
AFTER HURRICANE SEASON ENDS	
THE SAFFIR-SIMPSON HURRICANE SCALE (DAMAGE EXPECTATIONS)	12
APPENDIX A: SUPPLY LISTS	13
MEDICAL AND HYGIENE ITEMS	13
TOOLS & EQUIPMENT	13
PET ITEMS	
FOOD ITEMS	
RECREATION ITEMS	
SURVIVAL & COMFORT ITEMS	
GENERATOR USAGE GUIDE	
APPENDIX B: COMMUNICATIONS	18
PUBLIC CONTACT INFORMATION	18
PERSONAL CONTACT INFORMATION	
LOCAL MEDIA STATIONS	
APPENDIX C: MAPS	21
WEATHER MAPS ON THE INTERNET	21
LOCAL NEIGHBORHOOD	
AREA SHELTERS	

Do not rely upon the local or Federal Government or other agencies to take care of you and your family as they may not be able to get to you in time. You must take action yourself to protect you and your family from impact and aftermath hazards. If ordered to evacuate, EVACUATE!

# Do you have a data backup plan?



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### INTRODUCTION

I am Jeff Ensminger, business owner since 2001, Florida resident since 1978 and father. I have lived in Virginia, Connecticut, California, Hawaii, South Carolina, and Georgia, but it is in Central Florida that I now sit and write this manual.

This manual began as a post-it note with an impromptu handwritten shopping list of supplies to procure before hurricane Charley came to town one Friday the 13<sup>th</sup>, in August 2004. As hurricane Charley drew nearer and I got busy with preparations, I continued to think of things that I could do to minimize damage, injury and expense and to maximize comfort for the entire family in a tragic storm scenario. As the thoughts flowed, I added them to my shopping list – which was eventually transposed to a legal pad. Charley roared over, and then came hurricane Frances. After the sloth storm Frances really put Floridians to the test, hurricanes Ivan and Jeanne tested us further. The list of things to do and get became so large and awkward to manage that it required organizing using the computer. In the process of organization and over the course of 15 years, that post-it note evolved into the manual that you are now reading. Although most of the information here is geared towards hurricanes, much of it may be applied to wildfires, terrorist events, tornados, and other disasters.

#### MAKE PREPARATIONS TO MITIGATE HURRICANE IMPACT AND AFTERMATH INJURY, DAMAGE, AND EXPENSE

You should first read through this entire manual before hurricane season begins and complete the section "BEFORE HURRICANE SEASON BEGINS". Store the manual in a waterproof folder in a common area. When the 5-day forecast predicts that your county may be the potential target area of direct hurricane landfall or impact, you should consult this manual and begin making preparations. The manual is organized *chronologically*; as the storm draws nearer, you will progress through the manual page by page, item by item. Many of the steps you may have already done, and many of the listed items you may already have. For preparation efficiency, some items have alert icons next to them:

# ALERT ICONS LEGEND = Purchase and store in small packages/containers = Item will be scarce before, during and after the storm = Store in Ziploc bags, garbage bags, or Tupperware containers to keep dry! = Caution! = Store in the cooler, keep cold! = Store in central, easily-accessible common area such as kitchen counter top + = Place and store in your First Aid kit = Requires batteries = Place in the "Safe Space" = Evacuation Item!

Send your questions, suggestions, comments, and concerns to <a href="mailto:Jeff@ThoughtEater.com">Jeff@ThoughtEater.com</a>

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This Manual is for reference only and is in no way intended to be an all-inclusive manual for storm preparation or survival. The suggestions contained within The Manual may or may not be applicable to your specific situation. Always use common sense. By using The Manual you hereby agree and understand that you are using The Manual at your own risk and that ThoughtEater Technical Solutions, Inc. including its officers, directors, employees, and affiliates, is not in any way responsible or liable for any damages or injury or loss that may occur as a result of using The Manual or as a result of any omissions from or inclusions to The Manual. Some information may be outdated. Check often for updated versions of The Manual. Report inaccuracies and suggestions to Jeff@ThoughtEater.com

# **GENERAL INFORMATION AND TIPS**

Always have at least one NOAA weather radio on at home, placed in a location where all family members can hear it. Keep the volume loud enough to wake the person whose bed is furthest from the radio. Make sure your weather radio is programmed for *your* county alerts.

#### **Evacuation**

IF A MANDATORY EVACUATION IS ORDERED FOR YOUR COMMUNITY LEAVE AS SOON AS POSSIBLE. For any category hurricane you should evacuate your home if you live in a mobile home, live in a storm surge zone, live in a low-lying or flood prone area, or if you require a respirator or other electric-dependent medical equipment. When your local emergency management officials order an evacuation, you should stay away from coastal areas and riverbanks. If you are not advised to evacuate, stay indoors. STAY CALM, SAFE AND PATIENT!

All drawbridges will be locked down when winds reach a sustained 39 miles per hour or a land evacuation is ordered. Before a complete lockdown, drawbridges will be raised on the hour for 15 minutes when boat traffic is present. Verify this is your county's policy.

Free shelter transportation is provided by Votran and Volusia County School Board Buses during a declared emergency evacuation order. All Votran bus stops are evacuation assembly points. Contact Votran to make transportation arrangements if you cannot reach a bus stop. Carry-on items are limited (pillow, blanket, one 22"x16"x8" bag).

#### Water and Supplies

Always strive to conserve supplies and resources (batteries, water, food, fuel, laundry, etc.). Buy plenty of *nonperishable* foods. Buy canned goods with pull-top lids. Plan three meals per day per person – for *seven* days. While there is safe electricity and water, use dishes and laundry and wash soon after. Otherwise use plastic-ware and paper towels. An ample supply of clean water is a top priority during an emergency. As a general rule, store one or more gallons of water per person, per day in thoroughly washed containers. Do not use containers that have held toxic substances. Rotate stored water every six months. After a disaster you should assume all water sources, other than commercial bottled water, are unsafe. Until you are notified that your public supply is safe to drink, there are two ways to purify water: Bring water to a rolling boil for 3-5 minutes. Let it cool and add oxygen by pouring back and forth between two containers (also improves flavor of bottled water). Another method is to add 16 drops of regular, *unscented* household bleach without additives to one gallon of water and let stand for 30 minutes. if there is no slight odor of bleach, repeat the procedure. A squeeze of lemon juice will give canned foods a slightly better flavor. Chlorinate pool for washing water

Diversify your stockpiles! Keep some in the house and some in the garage or car(s).

Don't forget to rotate your supplies yearly. Do NOT drain your water heater. DO NOT DRAIN YOUR POOL!

#### Garbage

Minimize garbage volume by using dishes and towels while electricity and water allow you to safely wash them soon after use. Crush aluminum cans before disposing of them in the garbage. If you have a fire pit, safely burn your paper trash daily to minimize garbage build-up after the storm has passed. Use disposable dishes and paper towels only while electricity or water outages make it impossible or unsafe to wash dishes or towels soon after use. Place lids of opened metal food cans inside the cans to minimize chance of cuts to garbage bag or flesh while handling garbage bags. Do not wait until after a watch or warning is issued to trim trees and branches, as trash pick-up may be delayed.

#### Clean up after yourself

While the electricity or water is out, start dishwater heating when you start preparing the meal. Heat the water in a large pan with a lid. The lid will keep the heat in and help the water to heat faster. Scrape all dishes, pots, etc. before putting them in your dishwater. Use a rubber spatula to get as much off your dishes as you can. The pre-wash is a great job for Fido! It even helps to fill Fido's belly! This will increase the amount of time your water stays clean enough to use. Set up a three-dish pan cleaning station. The first pan gets hot soapy water. The hotter this water, the better the greasy dishes will come clean. The second pan gets warm to hot rinse water. Try to keep it free of suds so that you can use it longer. The third pan gets cool water and a disinfecting ingredient such as bleach. This eliminates any germs that were missed by the water not being hot enough. Air-dry your dishes to eliminate the most germs – towels and sponges carry germs like you wouldn't believe!

#### Softer means longer

The louder you play the radio, the faster the batteries will die. AM or FM band makes no significant difference on power consumption. Playing CD's or cassettes will drain the power from the batteries much faster than the radio will. Turn off radios, TV's, flashlights, etc. when not in use.

#### Mosquitoes Suck! (and can even cause illness, disease, or death!)

Make sure your mosquito repellents contain DEET. There should be less than 10% of DEET for kids and between 20 and 30% for adults. Another product is called ThermaCELL. It heats up an insect repellent but, like a citronella candle, it has a limited effect in a small area. In a pinch, laundry dyer sheets can be rubbed on the skin to repel mosquitoes. Use mosquito spray while outside or away from the home. Mosquito coils are better than citronella candles for area protection because they smell better, are not fire hazards as much as open flames are, do not soot the ceiling, and are more wind resistant. Coils are better than bug zappers because they require no electricity.

#### SPECIAL NEEDS SHELTERS (SNS)

SNS provide assistance during evacuation & sheltering for people who are elderly, disabled, impaired, or require oxygen. *Cannot* accommodate complex care, 24-hr dedicated care, hospital beds, ventilators, etc. Should be a last resort. Seek shelter with relatives, friends, or hotels/motels first. SNS are pet-friendly. Contact Volusia County Animal services for information on preparation and assistance at shelter. Evacuees need to bring medications, medical equipment/supplies and personal items. Contact the Volusia County Health Department at (386) 274-0500 or volusiahealth.com to register for the "*People With Special Needs Program*" and to insure your needs can be accommodated at the SNS.

#### Making Ice

Instead of buying bags of ice cubes, either buy or make *large* blocks of ice in gallon Ziplock bags or Tupperware. The larger the piece of ice is, the longer it will take to melt or freeze. Use large ziplock bags or plastic bowls to create large blocks of ice in your freezer. Bags are best, as it will keep your ice clean for drinking after it melts. Make as many blocks as your freezer will hold. Allow two full days for really large blocks to freeze, and 1 day for smaller blocks. Eat frozen foods (except hot dogs and burgers) to free up space for ice creation and storage in freezer.

#### Safe Space

Designate a ground-level "safe space" in your home that has *no* windows and does not share any walls with the outside of the home (if possible). Use this room to huddle in while the storm passes over your city. Make sure this room has all items marked in this manual with a smiley icon **6**.

#### First-Aid and Safety Should Never Come Second

Everyone in the home should learn how to perform CPR. Your local Fire Department, YMCA, or Red Cross may offer CPR training courses. To create a first-aid kit buy a large toolbox and fill it with various first-aid items. Generators can generate large amounts of carbon-monoxide. Follow manufacturer's instructions on usage and safety. Do not run generator or cars in the garage, patio, or home! Everyone should exercise their body and mind regularly and maintain a healthy diet. Do NOT walk in puddles or standing water. If you must, wear RUBBER boots.

#### **TAX Holiday**

Florida's hurricane tax holiday on hurricane supplies is just before hurricane season begins. Details and item lists at http://www.myflorida.com.

#### Window and Door Protection

Buy ½ inch plywood or corrugated storm-shutter plastic, cut and fit to each window and door, but one - leave a quick-access escape route unblocked. Drill mounting holes in window perimeter and use sliding bolt hardware to mount the cut wood to the windows. After hurricane season ends, remove hardware from wood panels; fill drilled holes with sprayable rubber & caulked rubber plug to prevent water penetration. Don't waste preparation time taping windows. Reinforce double-entry doors with heavy-duty foot & head bolts, use dead-bolt with 1" throw.

#### Labor assistance with storm preparations

Many local volunteer organizations can help you get ready for the storm. If you need help installing shutters, bringing in yard furniture, etc., groups such as the Boy Scouts, church organizations and the United Way may have volunteers available to help with these tasks. All materials and supplies must be provided. Many cities will provide free sandbags to mitigate structural flooding

#### Propane

Because propane is an odorless gas, an odorant that smells like sulfur (rotten eggs) is mixed with it as a safety precaution. This odor will alert people with normally functioning olfactory senses that propane has escaped. One of the characteristics of propane that has caused a lot of confusion is that it is heavier than air, leaving the uninformed user to believe that it will collect along the floor or in the bottoms of cabinets in the event of a leak. While propane is about 1 ½ times heavier than air, the liquid expands to 270 times its original volume when it vaporizes and escapes as a gas. In doing so, it effectively fills all the available space. Fuel quantity can be determined by weighing the container on an accurate scale, then subtracting the tare weight (TW) that is stamped on the valve guard. Propane weighs 4.24 pounds per gallon. For example: TW 18 indicates that the empty cylinder weighs 18 pounds. If, for example, the overall weight is 37 pounds, the amount of propane in the cylinder is 4.48 gallons (37 - 18 = 19, divided by 4.24 = 4.48 gallons). Never store hazardous gases or chemicals inside the home.

#### **INSURANCE**

Update insurance yearly. Meet with agent to know your insurance policy (is it enough, what's covered/not covered, deductible, etc.). Over the life of a 30-year mortgage, a homeowner has a 20% chance of facing flood damage. Flood damage isn't covered by standard insurance. There's a 30-day waiting period before coverage goes into effect. Call National Flood Insurance Program for more info (888) 379-9531.

#### **PETS**

Prepare a pet disaster kit including food, water and bowls, leashes, toys, bedding, licenses, vaccination information, medication and carriers. For cats, include litter and plastic bags. A list of lodgings that will accept small pets in Florida, Georgia, Alabama, Mississippi at www.collierem.org/pets/index.html. A practical item is the fold-a-bowl disposable pet bowl that conveniently folds up for easy storage, which requires less room than a conventional bowl (bring several extras). Take pics of your pets for sharing

**FOOD SAFETY**: Place quarter ON TOP of frozen water in bowl. If you return home and quarter is at bottom of bowl, then fridge and freezer food is NOT safe to eat.

#### PREPARE A "QUICK-GO" KIT

Use a large backpack to prepare a "Quick-Go" kit, for if you have to run out the door in an emergency.

- An AM/FM radio with extra batteries
- Flashlight with extra batteries
- Cash and coins
- · Plastic tape, plastic sheeting to tape up windows, and duct tape to seal up a damaged room for shelter
- · Copies of critical life documents: insurance policies, tax returns, birth certificates, property deeds, drivers licenses, vehicle titles, marriage cert, lotto tix
- Two weeks' dosage of critical medications
- Road maps of your city, county, and state (do not rely on GPS devices, as they might not be functional during a disaster scenario).
- Extra clothing and your most comfortable shoes, other than sandals or other open-toed shoes.
- NOAA Weather Radio
- Store the loaded backpack by the front door or in a nearby closet, so it can be quickly grabbed as you run out the door.



If Away From Your Home For Vacation Or A Storm, Put A Quarter In A Mug Of Ice In The Freezer

# **BEFORE HURRICANE SEASON BEGINS**

!!	NEW MANUAL	Visit ThoughtEater.com to check for updated hurricane manuals.
•	SHARE	Share printed copies of this manual with anyone that you care about.
<b>▲</b> ₪	DOCUMENTS	Collect and organize your important papers, such as insurance, deeds, titles, birth certs, SSN card, banking, medical records, etc
<b>▲</b> ₪	DOCUMENTS	Have your important photos and documents scanned and archived to CD'S
	INSURANCE	Meet with your agent to understand and know your insurance policy (is it enough, what's covered/not covered, deductible, etc.)
	WORKPLACE	Know your workplace policies on missed time and required hours. Don't get fired for skipping work!
	VEHICLES	Perform a full tune-up on all vehicles. Make sure tires, brakes, cooling system and windshield wipers are in good shape.
	BICYCLES	Tune-up bicycles. They will come in handy if roads are blocked, gas is limited, or if you need to explore a damaged area.
	HOUSE	Maintain a clean, organized, secure, safe, and sound home, attic, garage, patio and car.
	UTLITIES	Make sure that you know how and where to turn off the main electricity, gas, and water feeds into the house.
#	TELEPHONE	Have at least one working push-button tone-dial non-cordless telephone. Cordless phones will not work during power outages
	FUSE BOX	Make sure your home's fuse box is accurately labeled and in safe condition and easily and quickly accessible
+	GENERATOR	Test generator to fridge functionality by running the fridge off of the generator for two hours (notify neighbors of test first)
	COMPUTERS	Make sure each computer has at least a 650 VA battery UPS, and has only the computer and monitor on the battery side
	ALARMS	Make sure you have battery-powered smoke detectors and carbon monoxide detectors in proper working condition and test
	WATERPROOF	Waterproof your home using sealer and an elastomeric patch and coating if it has been at least 5yrs since last waterproofing
	TIE-DOWNS	If you live in a mobile home, check tie-downs and anchors. Check straps for rust, corrosion, or fraying-replace as needed.
	SCREENS	Make sure you have screen doors and screen windows in good repair for best ventilation during power outage.
	SCREENS	If you do not have screened front and back doors, install some now. Retractable screens are great for seasonal use only.
	LAUNDRY	Make sure you have a place to hang wet clothes and linens such as a "Butts" retractable close line
	GAS GRILL	Procure a gas grill that has a burner and make sure everything works safely.
	GUTTERS	Check all rain gutters for loose or clogged gutters and downspouts and repair or clean as necessary
	VENTS	Check all roof vents and laundry dryer vent for proper installation and ventilation
	ROOF/WINDOW	Inspect roof and windows for integrity and repair as needed
	TREES	Trim trees and shrubbery so weak branches can't fall onto the house. Cut air channels through thick trees and thick hedges.
<u> </u>	EYEGLASSES	Extra pair of eyeglasses or contacts, stored in protective case, for each person who wears them, and REPAIR KIT
<u> </u>	DEFENSE	Clean, service, and test-fire gun or mace for defensive use against looters and berserker animals
<b>A</b>	PETS	Make sure your pets all are wearing current I.D. tags and are current on their shots. Take fresh pics for sharing in case of loss
	FISH	If you have a large fish tank, perform a full annual tank cleaning
	YARD HAZARD	Replace gravel and rock landscaping with mulch
	FAMILY CNTCT	Designate an out-of-state family contact for everyone to communicate through and make sure everyone has their contact info
<b>A</b>	EVAC PLAN	Develop a detailed family evacuation plan and discuss with family members. Do not flee too far from home.
	IF YO	U MUST FVACUATE BEFORE THE STORM

		OU MOUT EVACOATE BEFORE THE GTORM
$\blacktriangle$	NEWS	Stay informed. Monitor TV and radio news for alerts 24/7. Be alert for blocked roads, boil water and tornado alerts especially
	DELEGATE	Do not hesitate to delegate tasks to others when possible, to help spread the work load, which reduces stress levels.
<b>▲</b> !!	SAFETY	In case the power goes out, be careful to not place any items on the stove for any reason; turn all appliances off
▲₪	PAPERS	Collect your important papers, such as insurance, deeds, titles, birth certs, SSN card, banking, medical records, et al. to bring with
▲₪§	CASH	Get \$100-\$1,000 cash in small bills, keep in safe place, plastic bag (ATM & credit card machines will not work during outage)
$\blacktriangle$	SUPPLIES	Bring all supplies and perform all actions in this manual marked with the evacuation symbol ▲
$\blacktriangle$	KIDS	Cell phones, chargers, PSP's, small toys, books, medications, clothes, etc.
‼ ▲	KIDS	Always use extreme care prior to driving any vehicle to be sure that no small children are at the front or rear of the vehicle
▲□	DATA	Get archived CD's, hard drives, etc. to bring with you.
$\blacktriangle$	NOTIFY	Notify family, friends, and neighbors of your evacuation plans, if possible. Notify out-of-town friend or relative of your plans.
$\blacktriangle$	SECURE	Secure your home and any vehicles and valuables left behind. Unplug all unnecessary appliances, electronics, water, etc.
$\blacktriangle$	SECURE	Place valuables off of the floor onto shelves, into cabinets, etc. in case flooding threatens.
$\blacktriangle$	PETS - ID	Make sure your pets all are wearing current I.D. tags and are current on their shots. Print pics for sharing in case of loss
$\blacktriangle$	PETS - TAKE	Leashes, toys, medications, portable travel pen, muzzles, bedding and carrier or crate.
<b>A</b>	PETS - TAKE	A list of lodgings that will accept small pets in Florida, Georgia, Alabama, Mississippi at www.collierem.org/pets/index.html
$\blacktriangle$	PETS - BOAR	Take your pets to a pre-determined boarding place if there is not adequate room for them in your vehicles or your destination
$\blacktriangle$	PETS - LEAVE	You may need to leave your pets at your home in a closed room with food and water silo feeders. Do not leash or chain them
	PETS - FISH	Place in fish tank live plants (from the pet store) and battery-operated air pump to oxygenate the water while the power is out
$\blacktriangle$	SPOILAGE	Put all meats and anything else that will smell really bad if it rots in plastic garbage bags and tie securely to control cleanup
$\blacktriangle$	FOOD SAFET	Y Place three ice cubes in a small dish in the freezer. If cubes are still in cube form when you return, food should be safe to eat
$\blacktriangle$	UTLITIES	Turn off gas at the main valve, and turn off pilot light. Turn off all <u>electricity</u> at the main breaker, if flooding threatens.
$\blacktriangle$	EVAC PLAN	Use your detailed family evacuation plan and make sure everyone knows the plan. Do not flee too far from home.
$\blacktriangle$	EVAC PLAN	Know where you are going, and take current city, county, state, and national maps with you.
<b>▲</b> !!	SAFETY	Stay away from downed power lines, broken water & sewer lines, trees, animals, snakes, insects, and unlicensed contractors
<b>A</b>	ROAD SAFET	Y Wet roads require 20-30 seconds more stopping distance than normal. Do not speed, and keep safe distance from other cars
<b>A</b>	ROAD SAFET	Y Bridges will be locked down when winds reach a sustained speed of 39 miles per hour or a land evacuation is ordered.
<b>A</b>	RETURN HOM	IE Do not return home until municipal authorities report that it is safe to return to your neighborhood.
!!	E&F HAZARD	S Electrical and Fire hazards await you! Do not use electronics or appliances that have been wet or damaged.
<b>▲</b> !!	RETURN HOM	Do not return home until municipal authorities report that it is safe to return to your neighborhood.

#### 5 DAYS BEFORE THE STORM **NEW MANUAL** Visit ThoughtEater.com periodically throughout hurricane season to check for updated hurricane manuals. !! **NEWS** Stay informed. Monitor TV and radio news for alerts 24/7. Be especially alert for blocked roads, "Boil water" and tornado alerts $\blacktriangle$ **DELEGATE** Do not hesitate to delegate tasks to others when possible, to help spread the work load, which reduces stress levels. **PREPARATION** Review and make sure that you have completed all of the manual items listed before this item (minus Evac.). Make more ICE! RECEIPTS Keep all hurricane-related receipts for possible FEMA reimbursement FRIDGE Turn fridge and freezer settings to the coldest possible settings. Begin eating perishable frozen and refrigerated foods. **DOCUMENTS** Gather important docs, such as insur.deeds,titles,birth/marriage certs,SSN card,banking,medical records,et al. to bring with 回 PAYABLE ACC. Pay all bills that are less than 22 days due. This will reduce stress levels during and after the storm. $\blacktriangle$ **WIPERS** Make sure all vehicle window wipers are in good condition, and fill wiper fluid resevoirs **BATTERIES** Make sure that you have at least enough batteries for all items marked in this manual with the ≠ symbol. 回§非≠ **FLASHLIGHTS** Test all flashlights and fix, replace failed batteries and bulbs so there are flashlights for each person plus 1 for common area. **RADIOS** Test all radios and fix, replenish batteries as necessary so there are at least 3 working radios. ╗╬≠ 2-WAY RADIOS Test all 2-way radios and fix, replenish batteries as necessary so there are at least 1 working pair of 2-way radios. **GASOLINE** Gas-up all cars and all gas cans to the top. You should have at least 10 gallons of gas in approved storage cans. § **WINDOWS** If you do not already have a window shutter plan and materials – procure them now and ready them to protect the windows. Fill the fridge with drinks (buy drinks cold); they require many days to get fully cold. Otherwise will not stay cold long in cooler. 8 0 **BEVERAGES MEATS** Newly-purchased meats should be labeled, dated and stored in the freezer in small individually-wrapped portions ⊪I8 O ICF Use ziplock bags or tupperware to make large ice blocks in freezer. § **TRACKING** Configure PC desktop to display various weather maps and satellite images. See Appendix C: MAPS ON THE INTERNET **SCREENS** Make sure all screens are in good repair: during downtime you will need to keep bugs out while keeping your windows open. ALARMS Make sure you have battery powered smoke detectors and carbon monoxide detectors in proper working condition and test SUPPLIES Procure all items of all lists in Appendix A: SUPPLY LISTS. The sooner these items are obtained, the less stress involved. **PETS-FISH** Place in fish tank live plants (from the pet store) and battery-operated air pump to oxygenate the water while the power is out **RAIN BARREL** Drain rain barrels and clean, place in location where it will not collect falling leaves et al debris 4 DAYS BEFORE THE STORM Stay informed. Monitor TV and radio news for alerts 24/7. Be especially alert for blocked roads, boil water and tornado alerts **NEWS DELEGATE** Do not hesitate to delegate tasks to others when possible, to help spread the work load, which reduces stress levels. **PREPARATION** Review and make sure that you have completed all of the manual items listed before this item (minus Evac.). Make more ICE! **AIR** Fill the portable air tank with air for bicycle tires, riding mower, cleaning debris, etc. HOUSE Keep house, hallways, rooms, garage, patio, porch, driveway etc. organized and free of clutter and accident hazards. 3 DAYS BEFORE THE STORM NEWS Stay informed. Monitor TV and radio news for alerts 24/7. Be especially alert for blocked roads, boil water and tornado alerts GASOLINE Gas-up all cars and all gas cans to the top. You should have at least 10 gallons of gas in approved storage cans. **PREPARATION** Review and make sure that you have completed all of the manual items listed before this item (minus Evac.). Make more ICE! 8 **LAUNDRY** Wash and fold all dirty laundry and bed linens. It may be days or even WEEKS before laundry can be done again **ALERT** Broadcast storm alert to family, friends, neighbors, clients **BATTERIES** Make sure all cell phone, laptop, and other rechargeable batteries are fully charged **STORAGE** Store storm foods, items in plastic storage bins or bags for protection and evacuation readiness ▲₪ **REST and EAT** All family members need to rest well and eat good; Everyone will be needed to be at full steam for best health and response. 2 DAYS BEFORE THE STORM (OR IF A TROPICAL STORM OR HURRICANE WATCH IS ISSUED) **NEWS** Stay informed. Monitor TV and radio news for alerts 24/7. Be especially alert for blocked roads, boil water and tornado alerts **DELEGATE** Do not hesitate to delegate tasks to others when possible, to help spread the work load, which reduces stress levels. **PREPARATION** Review and make sure that you have completed all of the manual items listed before this item (minus Evac.). Make more ICE! 8 **LAUNDRY** Wash and fold all dirty laundry and bed linens. It may be weeks before laundry can be done again **NEIGHBORS** Share contact info with neighbors and family and find out who's evacuating. **GASOLINE** Gas-up all cars and all gas cans to the top. You should have at least 10 gallons of gas in approved storage cans. **▲** 8 **CASH** Get \$100-\$1,000 cash in small bills, keep in safe place, plastic bag (ATM & credit card machines will not work during outage) ▲ ₪ § DATA Back up all recent data (docs, email, pics, audio, favorites, accounting, etc.) to disk or cloud and store in safe, dry packaging **▲** ₪ A/C Turn A/C down to 75 degrees to inhibit mold and mildew growth should water damage or power outage occur **▲** ≠ **PICTURES** Take pictures of interior and exterior for insurance and inventory purposes. **YARDWORK** Mow, clean, weed eat yard to minimize pest habitat. Remove/secure lawn ornaments, pool items, toys, etc. **NEIGHBORS** Encourage neighbors to secure their trash cans, yard furniture, debris - help them if necessary (could go thru your windows) **WINDOWS** Use available materials to secure and protect all windows before a storm warning is issued. § **BREAD** Get at least 1 bread loaf, 4 hot dog buns per person, 2 hamburger buns per person, and bagels. Check dates to get fresh **COOLERS** Clean all coolers with a 50/50 water-bleach solution, rinse well, and allow to air dry open before use !! **SUPPLIES** Don't be wasteful. Conserve supplies and resources (batteries, water, food, fuel, toilet paper, paper towels, laundry etc.) **INVITE & HELP** Invite others to stay with you during the storm, if your home is safer or in a safer area. Help others prepare if at all possible **REST and EAT** All family members need to rest well and eat good; Everyone will be needed to be well-rested for best health and response.

# 1 DAY BEFORE THE STORM

Date: (OR IF A TROPICAL STORM OR HURRICANE WARNING IS ISSUED) !! **NEW MANUAL** Visit ThoughtEater.com periodically throughout hurricane season to check for updated hurricane manuals, and print. **PHOTOS** Take a lot of photos of home exterior and interior, for insurance and theft purposes  $\blacktriangle$ **DELEGATE** Do not hesitate to delegate tasks to others when possible, to help spread the work load, which reduces stress levels. **PREPARATION** Review and make sure that you have completed all of the manual items listed before this item (minus Evac.). Make more ICE! Don't be wasteful. Conserve supplies and resources (batteries, water, food, fuel, toilet paper, paper towels, laundry etc.) !! **SUPPLIES DOCUMENTS** Place your important papers, such as insurance, deeds, titles, birth certs, SSN card, banking, medical records, et al. safely away וח **VALUABLES** 回 Safely store your documents and other valuables in waterproof containers **LAUNDRY** Wash and fold all dirty laundry and bed linens. It may be weeks before laundry can be done again § **DISHES** Wash and put away all dishes. Begin use of plastic ware and paper towels. Do not use dishes or laundry that require washing **WINDOWS** 8 Board up all windows. Leave at least two guick escape routes. **CLEAN** Clean the house, kitchen (clean well), bathrooms (clean well), garage, patio, cars, bedrooms, etc. **CLEAN** Clean bathtubs with bleach and rinse well for water storage **ACCIDENTS** Identify, resolve potential accidents. It will be dark without power and harder to see things (trip, cut and bump hazards). **COMPUTERS** Bag, store and protect computers. Disconnect power cables and network cables וח **SECURE** Secure trellises, gates and screen doors with weatherproof rope, chain, cord, or sand bags. Do NOT use bungee cords, lol. Sync and charge all cell phones, Bluetooth, charging bricks, laptops, and tablets. Turn all but one phone OFF to conserve **PHONES** ▲ ₪≠ **RADIOS** Place and test at least two radios in common areas. Test walkie-talkies with a neighbor while inside homes <u>╇</u>╗╬╪ **CAMERA** Unload digital camera pictures or buy disposable camera so you can snap at least 24 photos **EGGS** § D Make 1 hard-boiled egg per person for quick and easy energy and protein snacks (they store easily in coolers in Ziploc bags) **GARBAGE** Get trash out and dumped. Take to nearest landfill or double bag if the next garbage collection day is less than 4 days away **GARBAGE** Secure and close/cover garbage cans **VEHICLES** Clean for possible evacuation trip. Park cars in garage if possible, and set parking brakes, roll up windows, and chock tires. **VEHICLES** Move at least one vehicle to higher ground, if possible. Do not park any vehicles under trees or power lines/poles. **HYGIENE** Shave, clip nails, hair cut, etc. to minimize illness and discomfort that may occur after extended and hot outages **PETS** Clean all animal or pet cages (bird, Hamster, etc.) and bedding materials (dogs, cats, etc.) and fill fish tanks to full **WATER** Fill all available buckets and one bath tub with water for washing, flushing and animal consumption. Store warm. § # **ITEM SPOT** Designate a Common area, easily accessible and place there all manual items marked with the 非 symbol SAFE SPACE Designate the safe space and make sure all are aware. Place all items marked with the "Safe Space" icon 9 there now. **DEFENSE** Make sure to have readily available at least one reliable weapon for self-defense against looters or berserker animals **SHELTER LIST** Print one or more copies of local shelters' addresses and contact info (see Appendix C) **REST and EAT** All family members need to rest well and eat good; Everyone will be needed to be at full steam for best health and response. **UTLITIES** Turn off gas at the main valve. Turn off all electricity at the main breaker, if flooding threatens. PETS. PLANTS Move birds, dogs, cats, other pets and potted plants into the home, with their water, toys, and food dishes. **REVIEW** Review with the family the "General Information and Tips" page near the beginning of this manual Brush-clean all security cameras and tighten mounting hardware SECURITY CAMS ON THE DAY OF STORM IMPACT **NEW MANUAL** Visit ThoughtEater.com periodically throughout hurricane season to check for updated hurricane manuals. MANUAL Keep this manual in common area with flashlight, radio, cell, etc. **NEWS** Stay informed. Monitor TV and radio news for alerts 24/7. Be especially alert for blocked roads, boil water and tornado alerts **DELEGATE** Do not hesitate to delegate tasks to others when possible, to help spread the work load, which reduces stress levels. PREPARATION Review and make sure that you have completed all of the manual items listed before this item (minus Evac.). Make more ICE! **SUPPLIES** !! Don't be wasteful. Conserve supplies and resources (batteries, water, food, fuel, toilet paper, paper towels, laundry etc.) **DISHES** Use plastic-ware and paper-ware. Try not to use dishes or laundry that require washing WATER Do not throw away partial water bottles. Cap and store warm. They can be used for flushing, animals, pre-washing, etc. 0 8 FRDGE/COOLR Minimize the frequency and duration of opening doors to preserve cool! As the blackout continues, consume the more perishable items first. !! **GLO-STICKS** Use 12-hour Glo-sticks or light-sticks for safe indoor lighting while power is out and it is windy or all are sleeping. !! **SAFETY** Stay away from & refrain from using any type of open flame while it is windy, especially if sleeping or the home is boarded up !! **SAFETY** Stay away from downed power lines, broken water & sewer lines, trees, animals, snakes, insects, and unlicensed contractors **CLOTHING** Ready outdoors clothing. For each person: comfortable shoes, socks, warm rainproof jacket, hat, umbrella, etc. !! **DOORSWNDW** Close all doors, garage doors and windows and secure. Do not open doors or windows to check on storm conditions. !! **PETS** Pets will act strangely. They will "shadow you" and breathe heavily as they get scared, excited, or nervous. Comfort them. **ELECTRONICS** 回 Unplug power, phone, cable from unnecessary expensive appliances & electronics & bag (PC's, TV, modem, cells, etc.) SAFE SPACE Get all people and pets in safe space before the storm arrives, if possible. • STAY CLEAR Stay away from all doors and windows as the storm passes over, even if they are protected. • LIE ON FLOOR Lie on the floor under a table or other sturdy object in the event that strong winds lead to structural failure. • !! **BEWARE EYE** Beware! The calm eye of the storm is deceptive. The storm is not over. The worst of the storm is after the storm eye passes

Electrical and Fire hazards await you! Do not use electronics or appliances that have been wet or damaged.

!!

**E&F HAZARDS** 

# 1 DAY AFTER THE STORM

REPORT Report any injuries, deaths, missing persons, looting, unlicensed contracting and price gouging to the proper authorities **▲** !! **SAFETY** Stay away from downed power lines, broken water & sewer lines, trees, animals, snakes, insects, and unlicensed contractors !! **SAFETY** While the power is out, be careful to not place any items on the stove for any reason; make sure all appliances are turned off !! CONTRACTOR To find out if a contractor is licensed by the state, visit www.myfloridalicense.com or call (850) 487-1395. NFWS Stay informed. Monitor TV and radio news for alerts 24/7. Be alert for blocked roads, boil water and tornado alerts especially  $\blacktriangle$ **DELEGATE** Do not hesitate to delegate tasks to others when possible, to help spread the work load, which reduces stress levels. !! **SUPPLIES** Don't be wasteful. Conserve supplies and resources (batteries, water, food, fuel, toilet paper, paper towels, laundry etc.) **WATER** Do not throw away partial water bottles. Cap and store warm. They can be used for flushing, animals, pre-washing, etc. 0 8 **DISHES** Use plastic-ware and paper-ware. Try not to use dishes or laundry that require washing !! INSPECTION Inspect roof, windows, doors, screens, walls, garage door, and cars for signs of water, wind, or impact damage. Be safe!  $\blacktriangle$ **PICTURES** Get pictures of damaged items or areas, before you begin any non-emergency repairs.  $\blacktriangle$ **REPORT** Inventory and report any substantial damage to your insurance companies before you begin any non-emergency repairs REPAIR Repair windows, walls, doors, and cars as necessary and if possible to minimize aftermath damage 8 **SHUTTERS** Remove window shutters or wood from windows. Open windows for ventilation when wind and tornado threat abates DISPOSE Remove spoilable food from fridge like dressings, that aren't worth taking up valuable cooler space and trash in sealed garbage bags **COOLERS** Move perishable items to coolers 24 hours after the power outage began. keep food and beverage items in separate coolers **COOLERS** Minimize the frequency and duration of opening doors to preserve cool! As the blackout continues, consume the more perishable items first. **COOLERS** Don't drain the water from the coolers as the ice melts. Ice with water is cooler than ice alone. Limit the number of times you go into the cooler. **GENERATOR** Move generator to where it is safe to run. Secure inside nightly or when unattended to prevent theft. Do not run inside !! **CAR BATTERY** If using a power inverter to draw power from your vehicle, periodically run the vehicle outside the garage to charge battery. YARD LIGHTS Stick in the ground at least 6 solar powered yard lights around the home during power outage, for safety and security !! **GLO-STICKS** Use 12-hour Glo-sticks or light-sticks for safe indoor lighting while power is out and it is windy or is nighttime. !! **GRILL SAFETY** Carbon monoxide from grills can kill you if used indoors. There are about 25 deaths each year from the use of grills indoors. **TRAFFIC** If your road is blocked at one end, make a "Dead End" sign using fluorescent paint to place at the 'dead' end of the street !! **E&F HAZARDS** Electrical and Fire hazards await you! Do not use electronics or appliances that have been wet or damaged. **CLEAR ROADS** Don't wait until the city or county clears your street. Get able-bodied people to SAFELY clear a path for emergency vehicles **SURVEY** Survey nearby friends', families', and neighbors' homes for any signs of damage or looting and notify of damage if possible. **ASSISTANCE** Check with family, neighbors to see if anyone is in distress or requires assistance and notify them of your current status **VOLUNTEER** If you have not suffered any major loss or injury, and are healthy, volunteer to help others either locally or through agencies. **PETS** Take caution in allowing your pet outdoors after the storm has passed. There will be new dangers, such as rodents, snakes **PETS** Take precautions not to allow your pet to consume food or water which may have become contaminated. **PETS - FISH** If the power is on, remove the live plants, snails, and battery-operated air pump from tank. Otherwise do when power returns

# 2 DAYS AFTER THE STORM

REPORT Report any injuries, deaths, missing persons, looting, unlicensed contracting and price gouging to the proper authorities !! SAFETY Stay away from downed power lines, broken water & sewer lines, trees, animals, snakes, insects, and unlicensed contractors !! **SAFETY** While the power is out, be careful to not place any items on the stove for any reason; make sure all appliances are turned off !! CONTRACTOR To find out if a contractor is licensed by the state, visit www.myfloridalicense.com or call (850) 487-1395.  $\blacktriangle$ **NEWS** Stay informed. Monitor TV and radio news for alerts 24/7. Be alert for blocked roads, boil water and tornado alerts especially **DELEGATE** Do not hesitate to delegate tasks to others when possible, to help spread the work load, which reduces stress levels. !! SUPPLIES Don't be wasteful. Conserve supplies and resources (batteries, water, food, fuel, toilet paper, paper towels, laundry etc.) WATER Do not throw away partial water bottles. Cap and store warm. They can be used for flushing, animals, pre-washing, etc. 0 8 **DISHES** Use plastic-ware and paper-ware. Try not to use dishes or laundry that require washing **GENERATOR** Move generator to where it is safe to run. Secure inside nightly or when unattended to prevent theft. Do not run inside !! **CAR BATTERY** If using a power inverter to draw power from your vehicle, periodically run the vehicle outside the garage to charge battery. !! **GLO-STICKS** Use 12-hour Glo-sticks or light-sticks for safe indoor lighting while power is out and it is windy or is nighttime. !! **GRILL SAFETY** Carbon monoxide from grills can kill you if used indoors. There are about 25 deaths each year from the use of grills indoors. !! **E&F HAZARDS** Electrical and Fire hazards await you! Do not use electronics or appliances that have been wet or damaged. YARD CLEAN Storm debris should be prepared for pick up as soon as possible and separated into house, yard, construction, hazardous **PLANTS** Gather all salvageable plants, flowers, small trees, and shrubs and prepare for replanting **VOLUNTEER** If you have not suffered any major loss or injury, and are healthy, volunteer to help others either locally or through agencies. **PETS** Take caution in allowing your pet outdoors after the storm has passed. There will be new dangers, such as rodents, snakes **PETS** Take precautions not to allow your pet to consume food or water which may have become contaminated.

# 3 DAYS AFTER THE STORM

	REPORT	Report any injuries, deaths, missing persons, looting, unlicensed contracting and price gouging to the proper authorities
▲ !!	SAFETY	Stay away from downed power lines, broken water & sewer lines, trees, animals, snakes, insects, and unlicensed contractors
<b>!!</b>	SAFETY	While the power is out, be careful to not place any items on the stove for any reason; make sure all appliances are turned off
!!	CONTRACTOR	To find out if a contractor is licensed by the state, visit www.myfloridalicense.com or call (850) 487-1395.
$\blacktriangle$	NEWS	Stay informed. Monitor TV and radio news for alerts 24/7. Be alert for blocked roads, boil water and tornado alerts especially

!!	SUPPLIES
0 8	WATER
	DISHES
+	GENERATOR
!!	<b>CAR BATTERY</b>
!!	<b>GLO-STICKS</b>
!!	<b>GRILL SAFETY</b>
!!	E&F HAZARDS
	VOLUNTEER
	PETS
	PETS

Don't be wasteful. Conserve supplies and resources (batteries, water, food, fuel, toilet paper, paper towels, laundry etc.) Do not throw away partial water bottles. Cap and store warm. They can be used for flushing, animals, pre-washing, etc. Use plastic-ware and paper-ware. Try not to use dishes or laundry that require washing

Move generator to where it is safe to run. Secure inside nightly or when unattended to prevent theft. Do not run inside If using a power inverter to draw power from your vehicle, periodically run the vehicle outside the garage to charge battery. Use 12-hour Glo-sticks or light-sticks for safe indoor lighting while power is out and it is windy or is nighttime.

Carbon monoxide from grills can kill you if used indoors. There are about 25 deaths each year from the use of grills indoors. Electrical and Fire hazards await you! Do not use electronics or appliances that have been wet or damaged.

If you have not suffered any major loss or injury, and are healthy, volunteer to help others either locally or through agencies. Take caution in allowing your pet outdoors after the storm has passed. There will be new dangers, such as rodents, snakes Take precautions not to allow your pet to consume food or water which may have become contaminated.

# MANY DAYS AFTER THE STORM

**REPORT A** !! **SAFETY** !! **SAFETY DONATIONS** !! CONTRACTOR **NEWS DELEGATE** !! **SUPPLIES** WATER 0 8 **DISHES GENERATOR** !! **CAR BATTERY** !! **GLO-STICKS SCHEDULES** !! **GRILL SAFETY** !! **E&F HAZARDS VOLUNTEER PETS PETS** 

Report any injuries, deaths, missing persons, looting, unlicensed contracting and price gouging to the proper authorities Stay away from downed power lines, broken water & sewer lines, trees, animals, snakes, insects, and unlicensed contractors While the power is out, be careful to not place any items on the stove for any reason; make sure all appliances are turned off Remove or scribble barcodes from donated goods and label "DONATION" (to prevent resale fraud)

To find out if a contractor is licensed by the state, visit www.myfloridalicense.com or call (850) 487-1395.

Stay informed. Monitor TV and radio news for alerts 24/7. Be alert for blocked roads, boil water and tornado alerts especially Do not hesitate to delegate tasks to others when possible, to help spread the work load, which reduces stress levels. Don't be wasteful. Conserve supplies and resources (batteries, water, food, fuel, toilet paper, paper towels, laundry etc.) Do not throw away partial water bottles. Cap and store warm. They can be used for flushing, animals, pre-washing, etc.

Use plastic-ware and paper-ware. Try not to use dishes or laundry that require washing Move generator to where it is safe to run. Secure inside nightly or when unattended to prevent theft. Do not run inside If using a power inverter to draw power from your vehicle, periodically run the vehicle outside the garage to charge battery.

Check with work, schools and colleges and daycares for current schedules and hours

Carbon monoxide from grills can kill you if used indoors. There are about 25 deaths each year from the use of grills indoors.

Electrical and Fire hazards await you! Do not use electronics or appliances that have been wet or damaged.

Use 12-hour Glo-sticks or light-sticks for safe indoor lighting while power is out and it is windy or is nighttime.

If you have not suffered any major loss or injury, and are healthy, volunteer to help others either locally or through agencies. Take caution in allowing your pet outdoors after the storm has passed. There will be new dangers, such as rodents, snakes Take precautions not to allow your pet to consume food or water which may have become contaminated.

# IF YOU MUST EVACUATE AFTER THE STORM

**NEW MANUAL** !! **NEWS**  $\blacktriangle$  $\blacktriangle$ **DELEGATE ▲** !! **SAFETY PAPERS** ▲№ CASH ▲ ₪§ **SUPPLIES**  $\blacksquare$ KIDS **KIDS DATA** 回 **NOTIFY**  $\blacktriangle$ **SECURE SECURE** PETS - ID  $\blacktriangle$ **PETS - TAKE PETS - TAKE PETS - BOARD PETS - LEAVE PETS-FISH**  $\blacktriangle$ **SPOILAGE FOOD SAFETY UTLITIES EVAC PLAN**  $\blacktriangle$ **EVAC PLAN**  $\blacktriangle$ !! **SAFETY ROAD SAFETY** ▲

**ROAD SAFETY** 

**RETURN HOME** 

**E&F HAZARDS** 

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Visit ThoughtEater.com periodically throughout hurricane season to check for updated hurricane manuals.

Stay informed. Monitor TV and radio news for alerts 24/7. Be alert for blocked roads, boil water and tornado alerts especially Do not hesitate to delegate tasks to others when possible, to help spread the work load, which reduces stress levels.

In case the power goes out, be careful to not place any items on the stove for any reason; turn all appliances off

Collect your important papers, such as insurance, deeds, titles, birth certs, SSN card, banking, medical records, et al. to bring with Get \$100-\$1,000 cash in small bills, keep in safe place, plastic bag (ATM & credit card machines will not work during outage)

Bring all supplies and perform all actions in this manual marked with the evacuation symbol 🛕

CD's, cell phones, chargers, PSP's, gameboys, small toys, books, medications, clothes, etc.

Always use extreme care prior to driving any vehicle to be sure that no small children are at the front or rear of the vehicle Get archived CD's, hard drives, etc. to bring with you.

Notify family, friends, and neighbors of your evacuation plans, if possible. Notify out-of-town friend or relative of your plans. Place valuables off of the floor onto shelves, into cabinets, etc. in case flooding threatens.

Secure your home and any vehicles and valuables left behind. Unplug all unnecessary appliances, electronics, water, etc. Make sure your pets all are wearing current I.D. tags and are current on their shots. Print pics for sharing in case of loss

Leashes, toys, medications, portable travel pen, muzzles, bedding and carrier or crate.

A list of lodgings that will accept small pets in Florida, Georgia, Alabama, Mississippi at www.collierem.org/pets/index.html Take your pets to a pre-determined boarding place if there is not adequate room for them in your vehicles or your destination You may need to leave your pets at your home in a closed room with food and water silo feeders. Do not leash or chain them Place live plants (from the pet store) in fish tank to oxygenate the water while the power is out

Put all meats and anything else that will really smell bad if it rots in plastic garbage bags and tie securely to control cleanup Place three ice cubes in a small dish in the freezer. If cubes are still in cube form when you return, food should be safe to eat Turn off gas at the main valve, and turn off pilot light. Turn off all electricity at the main breaker, if flooding threatens.

Use your detailed family evacuation plan and make sure everyone knows the plan. Do not flee too far from home.

Know where you are going, and take current city, county, state, and national maps with you.

Stay away from downed power lines, broken water & sewer lines, trees, animals, snakes, insects, and unlicensed contractors Wet roads require 20-30 seconds more stopping distance than normal. Do not speed, and keep your distance from other cars Bridges will be locked down when winds reach a sustained speed of 39 miles per hour or a land evacuation is ordered.

Do not return home until municipal authorities report that it is safe to return to your neighborhood.

Electrical and Fire hazards await you! Do not use electronics or appliances that have been wet or damaged.

**FOOD SAFETY**: Place quarter ON TOP of frozen water in bowl, and place in freezer. If you return home and quarter is at *bottom* of bowl, then fridge and freezer food is NOT safe to eat.



If Away From Your Home For Vacation Or A Storm, Put A Quarter In A Mug Of Ice In The Freezer



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VISIT WWW.THOUGHTEATER.COM BEFORE NEXT HURRICANE SEASON TO CHECK FOR UPDATED HURRICANE MANUALS.

# AFTER HURRICANE SEASON ENDS

	GENERATOR
	COOLERS
§	WOOD
§	WOOD
	HELP OTHERS

Drain the gas tank. Store the generator safely and securely away. Test the generator and service in February Wash coolers with 50/50 water-bleach solution, rinse well and air dry. Store in safe and easily-accessible location Remove metal mounting hardware from window wood prior to storing. Waterproof the mounting holes on the house. Store all window wood in a dry, safe location. Store above the floor horizontally flat with weight on top to minimize warping. Notify Jeff@ThoughtEater.com of any suggestions that you may have to help others during next hurricane season!

VISIT WWW.THOUGHTEATER.COM BEFORE NEXT HURRICANE SEASON TO CHECK FOR UPDATED HURRICANE MANUALS.

#### **USE THIS SECTION FOR ADDITIONAL NOTES:**

(and things you've learned from your own storm-prep experience)

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Do you have a DATA BACKUP plan?



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# THE SAFFIR-SIMPSON HURRICANE SCALE (DAMAGE EXPECTATIONS)

According to the National Oceanic and Atmospheric Administration (NOAA):

The Saffir-Simpson Hurricane Scale is a 1-5 rating based on the hurricane's present intensity. This is used to give an estimate of the potential property damage and flooding expected along the coast from a hurricane landfall. Wind speed is the determining factor in the scale, as storm surge values are highly dependent on the slope of the continental shelf in the landfall region. Note that all winds are using the U.S. 1-minute average.

#### **Category One Hurricane:**

Winds 74-95 mph (64-82 kt or 119-153 km/hr). Storm surge generally 4-5 ft above normal. No real damage to building structures. Damage primarily to unanchored mobile homes, shrubbery, and trees. Some damage to poorly constructed signs. Also, some coastal road flooding and minor pier damage. Hurricanes Allison of 1995 and Danny of 1997 were Category One hurricanes at peak intensity.

#### **Category Two Hurricane:**

Winds 96-110 mph (83-95 kt or 154-177 km/hr). Storm surge generally 6-8 feet above normal. Some roofing material, door, and window damage of buildings. Considerable damage to shrubbery and trees with some trees blown down. Considerable damage to mobile homes, poorly constructed signs, and piers. Coastal and low-lying escape routes flood 2-4 hours before arrival of the hurricane center. Small craft in unprotected anchorages break moorings. Hurricane Bonnie of 1998 was a Category Two hurricane when it hit the North Carolina coast, while Hurricane Georges of 1998 was a Category Two Hurricane when it hit the Florida Keys and the Mississippi Gulf Coast.

#### **Category Three Hurricane:**

Winds 111-130 mph (96-113 kt or 178-209 km/hr). Storm surge generally 9-12 ft above normal. Some structural damage to small residences and utility buildings with a minor amount of curtainwall failures. Damage to shrubbery and trees with foliage blown off trees and large trees blown down. Mobile homes and poorly constructed signs are destroyed. Low-lying escape routes are cut by rising water 3-5 hours before arrival of the center of the hurricane. Flooding near the coast destroys smaller structures with larger structures damaged by battering from floating debris. Terrain continuously lower than 5 ft above mean sea level may be flooded inland 8 miles (13 km) or more. Evacuation of low-lying residences with several blocks of the shoreline may be required. Hurricanes Roxanne of 1995 and Fran of 1996 were Category Three hurricanes at landfall on the Yucatan Peninsula of Mexico and in North Carolina, respectively.

#### **Category Four Hurricane:**

Winds 131-155 mph (114-135 kt or 210-249 km/hr). Storm surge generally 13-18 ft above normal. More extensive curtainwall failures with some *complete roof structure failures on small residences*. Shrubs, trees, and all signs are blown down. Complete destruction of mobile homes. Extensive damage to doors and windows. Low-lying escape routes may be cut by rising water 3-5 hours before arrival of the center of the hurricane. Major damage to lower floors of structures near the shore. Terrain lower than 10 ft above sea level may be flooded requiring massive evacuation of residential areas as far inland as 6 miles (10 km). Hurricane Luis of 1995 was a Category Four hurricane while moving over the Leeward Islands. Hurricanes Felix and Opal of 1995 also reached Category Four status at peak intensity.

#### **Category Five Hurricane:**

Winds greater than 155 mph (135 kt or 249 km/hr). Storm surge generally greater than 18 ft above normal. *Complete roof failure on many residences and industrial buildings.* Some complete building failures with small utility buildings blown over or away. All shrubs, trees, and signs blown down. Complete destruction of mobile homes. Severe and extensive window and door damage. Low-lying escape routes are cut by rising water 3-5 hours before arrival of the center of the hurricane. Major damage to lower floors of all structures located less than 15 ft above sea level and within 500 yards of the shoreline. Massive evacuation of residential areas on low ground within 5-10 miles (8-16 km) of the shoreline may be required. Hurricane Mitch of 1998 was a Category Five hurricane at peak intensity over the western Caribbean. Hurricane Gilbert of 1988 was a Category Five hurricane at peak intensity and is one of the strongest Atlantic tropical cyclones of record. Hurricane Katrina was a Category Five hurricane, and was the costliest and one of the deadliest hurricanes in the history of the United States. Katrina was the sixth-strongest Atlantic hurricane ever recorded and the third-strongest landfalling U.S. hurricane ever recorded when it hit New Orleans in August 2005.

# APPENDIX A: SUPPLY LISTS MEDICAL AND HYGIENE ITEMS

VISIT THOUGHTEATER.COM PERIODICALLY THROUGHOUT HURRICANE SEASON TO CHECK FOR UPDATED HURRICANE MANUALS.

#### DO NOT USE MEDICATIONS THAT ARE EXPIRED OR ARE OVER ONE YEAR OLD ACE BANDGS Various sizes of ace bandages for cuts, burns, bruises, etc. **▲** §₪+ **ANTI-DIARRHE** anti-diarrhea medicine (stress, sudden and drastic dietary changes, contaminated water or food, or illness may require this) $+ \blacktriangle$ **ANTIDOTE** Ipecac syrup and activated charcoal (for accidental poison) +**BABY ITEMS** Extra formula, bottles, powdered milk, jarred baby foods, diapers, moist towelettes and special medications **BAND-AIDS** Various sizes of band-aids for cuts, burns, bruises, etc. +▲₪ **BANDANAS** Bandanas or hankies for protecting face in high winds, dusty, odorous or gaseous situations **▲** ₪ BENADRYL Benadryl capsules and anti-itch allergy cream **▲** §₪ **BEN-GAY** For sore muscles, cramps, etc. +CHAPSTICK +1 stick chapstick per person **COMPRESSES** Compresses to reduce swelling or pain $+ \blacktriangle$ **COTTON BALL** Cotton balls and gauze +▲ ₪ **COUGH DROPS** Extra Strength Cepacol cherry are great cough drops, as are Hall's Plus Cherry + ▲ הו **DISH SOAP** At least 2 full bottles Anti-bacterial dish soap. **DENTAL KIT** Temporary dental repair kit for temporary repair of lost caps, crowns, chipped teeth, etc. **EYEGLASSES** Extra pair of eyeglasses or contacts, stored in protective case, for each person who wears them, and REPAIR KIT **FIRST AID KIT** Large First Aid kit and general first-aid and remedy book #+ ▲ 心 **GLOVES** 2 pairs latex gloves per person HAND SOAP Anti-bacterial hand soap in pump dispenser bottles or bars. 1 bottle or bar for each sink and bath tub. $\blacksquare$ **HEAT PADS** Thermal heat pads for muscle aches, cramps, etc. **HYD PEROXIDE** Hydrogen Peroxide for disinfection of open cuts, bruises, scrapes, etc. $+ \blacktriangle$ **FACE MASKS** N95 OR 9100 respiratory masks, to mitigate inhalation of airborne threats **MOUTHWASH** For oral hygiene, as regular oral hygiene may not be possible **MEDICATIONS** Get at least 1 month supply of prescription medications for all people and all pets that require them. וה ▲∔ **MEDITAPE** First-aid tape for fastening gauze pads, and sprayable banadage **MOSQUITOES** 5 candles or 24 coils. For area protection coils are cheaper, safer, smell better than candles and no soot. Deet is best spray $\blacktriangle$ **MYLANTA** Gaviscon, Mylanta ant-acid (stress, sudden drastic dietary changes, contaminated water or food, or illness may require this) **NAIL CLIPPERS** For keeping finger and toe nails trimmed to reduce illness, discomfort and disease **NEOSPORIN** Antibiotic Ointment to prevent infections in cuts and scrapes For toothaches **ORAJEL OXYGEN** For those who require it, arrange with your supply company to deliver to the designated SNS shelter. **PAINRELIEVER** Aspirin and non-aspirin pain relievers, and children's aspirin +▲§₪ ▲╬® **PAPERTOWEL** 1 roll paper towels per person x 7 days **PESTS** Wasp 20 ft spray, roach and ant spray, fly traps, mouse traps, ant granules for ant mounds, and spider spray Q-TIPS For ears and for cleaning cuts **RAZORS** 1 or 2 Twin blade razors for each person who shaves $\blacktriangle$ **RUB ALCOHOL** Rubbing alcohol for disinfectant or astringent. **SALINE SPRAY** Saline nasal spray (saline spray is non-addictive) $+ \blacktriangle$ SHAVE CREAM At least 1 full can Shaving cream for every pair of people who shave $\blacktriangle$ **SCISSORS** For cutting gauze, tape, etc. + **SNAKEBITEKIT** Snake bite kit SUNBLOCK Sunblock for unexpected prolonged sun exposure. § D TAMPNS/PADS Tampons, sanitary napkins, pads $+ \blacktriangle$ THERMOMTR Medical thermometer in good working condition **▲** §回 **TOILET PAPER** 1 roll toiletpaper per person x7 days (might sound excessive, but imagine if some got wet, or everyone has runs for a week!) **TOOTHPASTE** ½ tube per person **TOOTHBRUSH** Make sure they are all in good condition (replace if necessary) VISINE For irritated or dry eyes **VITAMINS** Multivitamin / multi-mineral supplement **WATER PURE** Water purification tablets and/or bleach + **TWEEZERS** Tweezers for cleaning deep cuts, scrapes, etc. **SHAMPOO** ½ bottle per person

Do you have a DATA BACKUP plan?



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# **TOOLS & EQUIPMENT**

		100L3 & EQUIPMENT
8 #≠ 	2-W RADIOS AIR FOR TIRES	Share 2-way radios with at least one neighbor, test and use to communicate during lightning storm (phones are unsafe).  Portable air tank to hold compressed air for bicycle or car tires, cleaning debris, etc. and hand-operated air pump
#	AXES	Hand axe, wood axe. Should be kept inside, in case normal exits become blocked, or in case of intruder/looter
7	BASIC TOOLS	Flathead and Philips screwdrivers, wrenches, ratchet, socket set, pliers, etc. of varying sizes.
	BATH SCALE	
	BELT POUCHS	Bathroom scale for weighing propane tank (to determine volume)  2 nail belt bags for quick roof repairs
	BOOTS	TALL rubber boots for watery situations
	BUCKETS	3 to 5 5-gallon buckets that are clean and have never held toxic substances for water storage, roof leaks, etc.
	BUNGEE CRDS	Several bungee cords to secure things quickly but temporarily
<b>A</b>	CAMERA/CELL	Film, phone or empty digital camera for taking at least 24 pictures
	CANDLE WICK	3 inch & 9 inch candle wicks for re-using spent candle wax to make new candles. Great task for bored kids!
	CAN CRUSHER	Wall-mounted aluminum can crusher to conserve trash space and minimize garbage pests
	CAN OPENER	Manual non-electric can opener for opening food cans during power outage, in good working condition
	CAUTION TAPE	Bright fluorescent caution tape for marking unsafe areas
	CAULKING	Caulking or sealant, caulking gun, to seal structural voids. Use "Great Stuff" sprayable foam to fill extremely large voids
<b>▲</b> ₪≠	CELL PHONE	Cell phone A/C charger car adapter to plug into car lighter outlet, USB charging cable, SOLAR phone charger
<b>≠</b>	DRILL	Cordless drill or electric drill. Make sure to fully charge the battery before the storm arrives
•	ELEC. CORD	At least 200 ft of three-pronged electrical cable in good condition. You may need to borrow or share power with a neighbor
	ENGRAVER	Engraver tool (Dremel) for marking expensive items with name, phone number, and address
	FIRE EXTGSHR	At least 2 ABC-rated fire extinguishers in small canisters, charged and tested – small enough for a teen to operate
	FURNITR PLSH	Furniture polish (Pledge) to protect furniture in humid or moldy scenario
§	FURRING STRP	Furring strips for quick roof repair when using tarps
." !!	GRILL	Gas or charcoal grill. Use outdoors only – never grill inside the home or garage! GET CHARCOAL AND LIGHTER FLUID
••	HAMMERS	2 or more hammers for quick roof repairs
	HARD HATS	Hard hats and or helmets for those who will be working to clear large tree limbs et al overhead hazards
	LADDER	15 foot ladder to safely access roof, inspect roof for damage, repair, and to safely get back down.
	MOISTR BAGS	Mildew moisture bags or balls to absorb moisture to minimize mildew growth in damaged rooms or cars, like Damprid
	NAILS	Big flat-headed long roofing nails to fasten tarps, furring strips and shingles after the storm
	RICE	Bags of rice, to protect phones et al electronics that get wet (immediately place wet phone in sealed Ziplock bag with rice)
	ROPE	100 ft, or more, of waterproof nylon rope
e	RUBBER SPRY	Canned sprayable rubber such as "Good-Bye Cracks" for bolt-hole protection in concrete after window-wood removal
§	SAND BAGS	Stack sandbags over gas cans, to retard any gas fire that may result from the stored gas cans.
§	SAND BAGS	For flood prevention and weighting down yard items that cannot be moved. Use at doors, garage doors, trellises, etc.
	SAWS	Chainsaw, saws-all, and handsaws for tree and shrubbery trimming and removal
	SEWING KIT	Stocked sewing kit for clothing and screen repair, and for extreme medical needs.
	SCREWSNAILS	Various masonry, wood, and machine screws (with nuts) and nails of varying sizes
	SHOP-VAC	Wet-dry shop vacuum to clean up flooded areas to reduce mold growth and aftermath damage
	SPRAY PAINT	Fluorescent spray paint for marking emergency signs, hazard areas, etc.
	SPONGES	Large sponges to clean up spills, leaks, etc.
	STAPLE GUN	For quick plastic sheeting application, tarp reinforcement (if necessary). Office desktop staplers are not staple guns!
	STAPLES	Staples for the staple gun. Long teeth and short - for tarps, plastic sheeting, and plastic bags
	TAPE	Masking, electrical, plumbing and duct tape
§	TARPS	At least 3 Waterproof tarps for temporary roof and wall repairs to keep water out. Use furring strips to fix to surface.
	TRAPS	Traps for small and medium sized rodents that may enter home through compromised structure, displaced animals, etc.
	TIE DOWNS	Tie downs to secure outdoor items, porch or patio roofs, trailers, sheds, lawn equipment, etc.
	TIRE REPAIR	Tubeless tire plug and repair kit for vehicles. Tube patch kit for bicycles
	UTILITY KNIFE	Utility knife
	VISQUEEN	Thick plastic sheeting for temporary roof and window patches
<b>▲</b> #	WHISTLES	1 whistle for each person for locating or alerting others during a survivor search operation. Carry in pocket.
	WIRE TIES	Large plastic wire-ties for quick fastening of gates, screen doors, et al during the storm. Also useful for restraint of looters
	RUBBER BOOTS	1 pair rubber boots for each person
	<u> </u>	DET ITEMS
		PET ITEMS
▲₪	PET FOOD	7 day supply of food, water, treats, and toys for each pet
	CLEANER	Pet stain and odor treatment spray for soiled carpets (pets will be irregular in their potty habits during and after the storm)
	INDOOR POTTY	If your dog is not already potty-trained for indoors, put a small kiddie pool in home or garage, lined with grassy sod
<b>A</b>	DOODOO	Extra kitty litter, newspapers, plastic bags, paper towels and a pooper scooper for poopie detail
_ _	FISH FOOD	7 day supply of food, live plants (from the pet store) in fish tank to oxygenate the water.
	TRANQUILIZER	For really stressed or badly injured pets
▲ ╬ ₪ ■	PRINTEDPHOTOS	Clear recent face/body photos PRINTED of all family members, including PETS, to help in searching for lost family members
<u> </u>	PET MISC	Leashes, medications, portable travel pen, muzzles, bedding and carrier or crate in case of emergency evacuation
_	Run-Cable	Dog-run cable to secure dogs if fencing is not available
	Cabic	Bog Tan Gabio to Good o dogo il fortoling to the avallable

# **FOOD ITEMS**

Make sure none of your food items are expired or more than 1 years old.

Keep a "sharple" marker next to cooler to mark beverages with initials as they are taken from cooler.

	Keep a "	sharple" marker next to cooler to mark beverages with initials as they are taken from cooler
<b>A O</b> *	SODA & BEER	12oz aluminum cans, not bottles (crush cans to conserve garbage space to minimize pests). 3 per person x 7 days
		Get some caffeinated, some without (like 7UP, Sprite, Ginger ale, etc.) and some diet.
	BEV: COFFEE	Instant coffee; both regular and decaf
<b>▲ ○</b> 8*	BEV: JUICES	12oz. aluminum cans, or bags, not bottles (cans should be crushed to conserve garbage space). 3 per person x 7 days
•	BEV: TEA	Iced tea 12oz. aluminum cans, not bottles, for those who drink it (cans should be crushed to conserve garbage space).
<b>▲ ◎</b> 8*	BEV: WATER	Buy in 16oz plastic bottles, 1 gal per person & pet x 7 days (=8 16oz bottles per person x 7). Plan for 7 days of no tap water.
回	BRKFST BARS	Breakfast or granola and protein bars for snacking and nutrition
▲₪	CANDIES	Candy bars, candies, gums, mints, etc. for stress relief
▲₪	CEREALS	Dry cereals make great snacks – stay away from heavily sugared cereal as brushing might not be regularly possible
# וח ₪	CHEESE	Shelf-stable cheeses and cheese spreads, sliced American cheese for burgers, eggs, sandwiches, etc.
<b>▲</b> ₪	CRACKERS	Saltine crackers such as Ritz, Wheat Thins, Premium, etc. ½ box per person
	DIETARY FOOD	Special dietary foods for those who require them
*	EGGS	1 dozen eggs for boiling and cooking for quick and easy energy and protein
O	FRUITVEGGIES	Canned or dried fruits and vegetables for nutritional snacking
® ויו	HAMBURGER	Pre-formed lean hamburger patties (2 per person), stored in freezer to be eaten during power outage on the grill
# וה ₪	HOTDOGS	4 dogs per person, stored in freezer to be eaten during power outage on the grill
0	JELLY/JAM	For peanut butter and jelly sandwiches for quick energy
O *	KETCHUP	For the children
O *	LEMON JUICE	A squeeze of lemon juice will give canned foods a slightly better flavor and prolongs the fresh taste in perishable foods.
0	MEATS	Canned meats such as tuna, ham, turkey, beef, sausages, chili con carne, beef stew, beef jerky, etc
0	MILK	Evaporated or dry powdered milk and Powdered non-dairy creamer for coffee
<u> </u>	MISC FOODS	Misc. canned, bagged or boxed non-perishable low-prep foods. Plan three meals per day per person.
0	PEANUT BUTR	Peanut Butter for quick energy and long peanut butter shelf life.
D	SALT	lodized salt only!
▲ ₪	SNACKS	Misc. snacks like Chips, snack-pack puddings and gelatins, cookies, candies etc. for stress relief
O 8	SOUPS	Canned non-condensed soups. ½ can per person x 5 days. Soups should include pasta, meat and vegetables (chili, stews, spaghettios, etc)
D	SWEETNER	Sugar and artificial sweetener
	TRAIL MIX	Nut mix, salted peanuts, and dried fruits in small resealable packages are excellent snacks for all

# WATER NEEDED PER STORM CALCULATION CHART

Buy in 16oz plastic bottles. 1 gal per person x 7 days = (8) 16oz bottles per person x 7 = 7 gallons per person. Plan for 7 days of no tap water. Buying in 16oz. bottles help to prevent large amounts of water being lost due to tainting or ruptured container.

Total People and Pets in Home	Total Gallons	Total # of 16oz. Bottles	Total # of Cases (24-pack) of 16oz. Bottles	Estimated Total Cost @ \$6 Per Case
1	7 gallons	56	3	\$18
2	14 gallons	112	5	\$30
3	21 gallons	168	7	\$42
4	28 gallons	224	10	\$60
5	35 gallons	280	12	\$72
6	42 gallons	336	14	\$84



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# **RECREATION ITEMS**

	DO IT!	Football, baseball, soccer ball, basketball, Frisbee, Crotchet, Sewing, Art pens/pencils/chalk, clay, wood, etc.
	GAMES	Parcheesi, Life, Monopoly, Risk, Chess, Checkers, Backgammon, Playing cards, dice, etc.
	LITERATURE	Books, Bible, comic books, magazines, Origami instruction book with colored origami paper, etc.
$\blacktriangle \neq$	MUSIC	Battery-operated CD players and Musical instruments (Harmonica, acoustic guitar, bongos, flute, Kazoo-just kidding, etc.
	PUZZLES	Get small jigsaw puzzles (24" x 18" or smaller), crossword puzzles, word games, etc.

# SURVIVAL & COMFORT ITEMS, Misc.

		SURVIVAL & COMI ORT TILMS, MISC.
	ALUMNM FOIL	2 boxes of aluminum foil for grilling, and other cooking needs like covering open pots or dishes of food.
	AMMONIA	For cleaning and deodorizing urine stains, mildew stains, etc.
▲≠₪§	BATTERIES	Get enough "D", "C", "AA", "AAA", lantern, "9V" batteries, hearing aid batteries, for all items marked ≠. Test existing batteries
▲□	BLANKETS	1 for each person
	BLEACH	3-5 gallons of unscented household bleach without additives for cleaning and sanitizing water and dishes
	BOATING	John boat, raft, kayak or canoe for flood-prone areas
	CAN COOZIES	Can coozies for keeping cans cool, and for drink identification to minimize mixed-up and abandoned (wasted) drinks.
ş井	CANDLES	1 dozen long-burning candles, Tall glass religious-type for use when there is no wind threat
	CHAISE LNGES	Chaise lounges and footstools for comfortable outdoor lounging
▲§ ₪	CIGARETTES	Carton of boxed cigarettes for each smoker, stored in waterproof containers or plastic bags
		Explanation: During a prolonged disaster is not a good time for smokers to quit smoking cigarettes, IMHO
	CLEANER	At least 1 full bottle of general purpose surface cleaner (Kaboom, Fantastic, etc)
回	CLOCKS	Wind-up or battery-operated clocks. At least one battery powered or wind-up alarm clock
<b>▲ ⊕</b> ₪	CLOTHES, BED	Several changes of clean clothes and clean pillows, linens, and blankets.for each person.
•	CLOTHESPINS	For hanging wet laundry out to dry
<b>A</b>	COATS	Warm rain coats or jackets with hood (1 per person)
	COMPASS	,
▲ §	COOLERS	Full-size party coolers (1 per person). Wash and allow to dry completely after cleaning and before storing or using.
Å	FANS	Hand-held battery powered fans or manual fans
▲ ወ⋕≠	FLASHLIGHTS	Durable impact resistant bright flashlights (1 per person + 1 extra). "D" batteries last longer, but "C" batteries are more readily available
§ !!	GASOLINE	Fill all cars and store 10 to 15 gallons gas for generator, cars, and mower. Store it safely! Caps tight! Pack with sandbags.
§	GENERATOR	To provide power to the refrigerator. DO NOT RUN GENERATOR IN THE GARAGE, PATIO OR HOME!!!
!!	GLO-STICKS	12-hour Glo-sticks or light-sticks for safe indoor lighting while power is out and it is windy or is nighttime. 4 per person.
	GLOVES	Gardening/work gloves for debris removal, repairs, etc. (1 pair per adult)
•	HATS	Each person should have a rimmed hat to shield from hot sun during prolonged exposure
<b>▲</b> § *	ICE	Make ice blocks (As many as freezer will store) using large ziplock bags or tupperware. Allow two days for each round of ice to freeze
<b>▲</b> § *	ICE	Buy 1 or 2 2.5 gallon plastic bottles of drinking water to place in freezer for cooler use. When fully thawed can be opened and consumed
	INVERTER	Power inverter for car to provide A/C current outlets as a last resort. DO NOT RUN CAR IN THE GARAGE!!!
▲ ∯ ▲ #	KEYS & I.D.	House keys, car keys, utility keys, etc. and picture identification (driver's license or other)
₪§#≠	LANTERNS	Fluorescent battery-powered lanterns for reading, cooking, etc.
▲ §□뷰	LIGHTERS	Get several regular size Bic butane lighters, a Zippo lighter, and 1 grill lighter
回	MAPS	Current National, State, County, and City road maps, stored in a watertight binder.
╬╚	MATCHES	3 boxes waterproof strike-anywhere matches
	OIL	Motor oil for generator, cars, and lawn mower
# #	OIL LAMPS	Safe working oil lamps for when there are no wind hazards. Get oil in plastic bottles. Round and/or flat wicks for oil lamps.
#	PAPER	Several pads of paper lined and unlined for writing, working, or drawing.
§₪	PAPER DISHES	Paper plates, bowls, and cups (2 of each per person x 5 days). Do not get foam or plastic dishes.
#	PENS/PENCILS	Various pens, markers and pencils for writing, working, or drawing.
▲№	PILLOWS	1 for each person
§	PLASTICWARE	Plastic knives, forks, spoons (2 of each per person x 5 days)
§	PROPANE	Full tank of Propane gas for grill. Make sure valve is closed tightly after filling and using.
⊓§#≠	RADIOS	Battery-operated transistor or weather band radios. "D" batteries last longer, but "C" batteries are more readily available
	SARAN WRAP	2 boxes of plastic cling wrap for storing food and other items
	SCREEN	Roll of screen, screen tool, and spine for screen repairs
	SLEEPING BAG	Sleeping bags, one per person
	TRASH BAGS	Lots of plastic trash bags. Get 13 gallon and 30 gallon
	WASH POTS	(3) Large aluminum wash pots (like stew/crab pots) and lids for washing dishes during electrical or water outage.
	YARD LIGHTS	At least 6 solar-powered yard lights to stick in the ground around the home during power outage, for safety and security
. §	ZIPLOC BAGS	Sealable storage bags for storage of food and other items. Get 3 boxes each sandwich size and gallon size.
▼非□	ZIPPO	Zippo wicks, flints, and fluid
,,	SOLAR LIGHTS	Put outdoors during the day and bring inside during powerless nights
▼背□	PRINTEDPHOTOS	Clear recent face/body photos PRINTED of all family members, including PETS, to help in searching for lost family members
	A/C Window Unit	A/C Window-Unit for use with generator. Thank you, Kevin Finn, for your wisdom!



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# **GENERATOR USAGE GUIDE**

#### CHOOSING

When purchasing a generator you should first determine what devices you wish to use during a power outage. Each device should have a label that lists the Volts, Amps, and/or Watts. For each device that you wish to run during a power outage, multiply the Volts by the Amps to determine the Watts used by the device. Choose a generator that exceeds the total combined wattage of your devices and that can be safely and securely stored in your available garage or shed space while not in use. A chart is included, below, with common appliance wattages.

#### NEVER RUN A GENERATOR OR CAR INSIDE THE HOME, GARAGE, PATIO, OR SHED!

Never overload a generator, and never operate any electrical or gas-powered device in any way that is not in conformance with the device manufacturer's usage and care recommendations, requirements or specifications. Generators and vehicles emit carbon-monoxide, a colorless, odorless toxic gas that can cause death. Purchase and install carbon-monoxide detectors in your home for safety.

Each year, according to the U.S Consumer Product Safety Commission, there are more than 200 carbon monoxide deaths related to the use of all types of combustion appliances in the home. According to the Environmental Protection Agency, exposure to carbon monoxide reduces the blood's ability to carry oxygen. Often a person or an entire family may not recognize that carbon monoxide is poisoning them. The chemical is odorless and some of the symptoms are similar to common illnesses. This is particularly dangerous because carbon monoxide's deadly effects will not be recognized until it is too late to take action against them. Secure your generator with a chain and padlock.

Carbon monoxide exposures especially affect unborn babies, infants, and people with anemia or a history of heart disease. Breathing low levels of the chemical can cause fatigue and increase chest pain in people with chronic heart disease. Breathing higher levels of carbon monoxide causes symptoms such as headaches, dizziness, and weakness in healthy people. Carbon monoxide also causes sleepiness, nausea, vomiting, confusion, and disorientation. At very high levels it causes loss of consciousness and death. After storm season DRAIN THE GAS.

Do not connect the generator to the fuse box or incoming power line. Back-feeding generators have killed power company line workers. Make sure to use only properly-rated extension cords. Keep in mind that STARTUP wattage is higher than running wattage. The table below notes running wattage only. Thanks Michael Kiepert for that tip!

#### WATTAGE AND RUN TIME

According to The Home Depot:

OFNED ATOD WATTO AND AMBO (

		GEI	NERATOR WATTS AN	R WATTS AND AMPS (Larger capacity consumes more gasoline)					
Generator Capacity:	1500 Watts (12.5 Amps)		3000 Watts (25 Amps)		5000 Watts (41.7/2		7550 Watts (62.9/31.5 Amps)		
	Run time @ 50% loa	d is 7 hours	Run time @ 50% loa	nd is 2 hours	Run time @ 50% load	d is 12 hours	Run time @ 50% load	d is 10 hours	
	DEVICE	WATTS	DEVICE	WATTS	DEVICE	WATTS	DEVICE	WATTS	
Supports:	Refrigerator	500	Refrigerator	500	Refrigerator	500	Refrigerator	500	
	AM/FM Radio	50	AM/FM Radio	50	AM/FM Radio	50	AM/FM Radio	50	
	Color TV	300	Color TV	300	Color TV	300	Color TV	300	
	6 100 watt lights	600	8 100 watt lights	800	8 100 watt lights	800	8 100 watt lights	800	
			Microwave	750	Microwave	750	Microwave	750	
			Deep freezer	500	Deep freezer	500	Deep freezer	500	
					Attic fan	300	Attic fan	300	
					Sump Pump	800	Sump Pump	800	
					Water Pump	1000	Water Pump	1,000	
							Furnace fan	700	
							Washing machine	1,150	
							Clothes dryer	700	
<b>Total Watts</b>		1,450		2,900		5,000		7,550	
Used:		WATTS		WATTS		WATTS		WATTS	

Thanks go out to former Deltona Commissioner Doug Horn for his suggestion of generator safety and procurement tips. Thanks go out to B.Grinter ("food spoilage bags") and B. McCue ("3 ice cubes for spoilage detection",

"TV antennae", "glo-sticks", "smoke and carbon-monoxide detectors", et al) and W. Geller ("tranquilizer for pets") for their suggestions!



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# APPENDIX B: COMMUNICATIONS PUBLIC CONTACT INFORMATION LIFE THREATENING SITUATIONS: CALL 911

SOME OF THESE PHONE NUMBERS ARE SPECIFIC TO DELTONA, FLORIDA. YOU MAY NEED TO REPLACE SOME OR ALL OF THESE NUMBERS WITH NUMBERS SPECIFIC TO YOUR LOCATION.

Blank "Public Contact Information" forms can be downloaded from www.thoughteater.com/hurricane/caneforms.htm

HOSPITALS	renoughted tearneon, name	edite, carretormoment
Florida Hospital Fish Memorial – Orange City	(386) 917 - 5000	1055 Saxon Boulevard
Florida Hospital DeLand	(386) 943 - 4522	701 W. Plymouth Avenue
Orlando Regional Medical Center	(321) 841 - 5323	Registration/Admissions
Halifax Medical Center – Daytona Beach	(386) 254 - 4000	303 N. Clyde Morris Blvd.
LAW ENFORCEMENT AC		
Volusia County Sheriff's Department non-emergency	(386) 736 - 5999	Example: for reporting loud noise
Florida Department of Law Enforcement	(850) 410 - 7000	1-888-FL-PREDATOR
Florida Highway Patrol	(800) 226 - 5350	(386) 736 - 5350
Deltona Fire Department	(386) 860 - 7177	1685 Providence Blvd.
Deltona Code Enforcement	(386) 561 - 2100	Office Hrs: Mon.–Fri. 8:00 am – 4:30 pm
FBI (Jacksonville office)	(904) 721 - 1211	7820 Arlington Expressway
Department of Homeland Security	(202) 282 - 8000	
UTILITIES		
Electricity: Progress Energy Florida	(800) 700 - 8744	
Electricity: FPL To report emergencies and power outages	(800) 468 - 8243	(800) 4- outage
Electricity: FPL	(800) 226 - 3545	(ooo, routage
Water: Deltona Water	(383) 575 - 2060	
Telephone: Bellsouth	(888) 757 - 6500	Or (800) 753 - 2909
Telephone: Nextel	(800) 639 - 6111	
Garbage: Waste Services, Inc.	(386) 575 - 0778	
Cable: Brighthouse	(386) 775 - 7300	
NON-PROFIT AID AGE		
Federal Alliance for Safe Homes (FLASH) www.flash.org	(877) 221 - 7233	
American Red Cross www.redcross.org	(866) 438 - 4636	Or (866) GET INFO
American Red Cross Missing Persons Locator www.redcross.org	(800) 438 - 4357	Or (800) GET HELP
American Red Cross Volunteer or other info www.redcross.org	(800) 435 - 7669	Or (800) HELP NOW
Salvation Army www.salvationarmy.org	(386) 236 - 2020	
United Way www.unitedway.org	(386) 253 - 0536	
Volunteer Information – Florida's volunteer hotline	(800) 354 - 3571	0 (000) 0 DONATE
Blood Donations	(888) 936 - 6283	Or (888) 9-DONATE
FEDERAL RESOUR	CES	
FEMA (Federal Emergency Management Agency) www.fema.gov	(800) 621 - 3362	Or (800) 621 - FEMA
OTATE DECOUDE	<b>-</b> 0	
Florida Attorney General's Price Gouging Hotline	<b>ES</b> (800) 646 - 0444	
Florida Emergency 24-hour Hotline	(800) 342 - 3557	
Florida Elder Services	(800) 963 - 5337	
Florida State Volunteer and Donations Hotline	(800) 354 - 3571	
Florida Agricultural and Consumer Services	(800) 435 - 7352	
Florida Department of Insurance & Financial Services Hotline	(800) 227 - 8676	
Florida Medical Staffing Volunteers Requested	(850) 488 - 0595	
COUNTY RESOURCE	` '	
Volusia County's Emergency Management	(386) 258 - 4088	Volusia.org/emergency
Volusia County's Storm Information website		Volusia.org/storm
Volusia County's Citizen's Information Center (CIC)	(866) 345 - 0345	Volusia.org/storm
Volusia County's Citizen's Information Center – Hearing Impaired	(386) 248 - 1792	
Volusia County's Business planning assistance		Volusia.org/prepares
Volusia County Citizen Corps for volunteers	(386) 258 - 4088	
Volusia County Schools Hotline, open weekdays 8am to 5pm	(386) 734 - 7190	Or (386) 255 - 6475
Storm Updates from Orange County	(407) 836 - 3111	(407) 836 - 9053
Votran provides transportation to shelters – gather at bus stops	(386) 322 - 5100	West Volusia
CITY RESOURCE		
Deltona Citizen Information Hotline, open 7:30am to 7:30pm daily	(386) 561 - 2109	

# PERSONAL CONTACT INFORMATION

COMPLETE THIS PAGE AND MAKE COPIES FOR ALL FAMILY MEMBERS TO KEEP ON THEM DO NOT RELY ON ELECTRONICS FOR THIS INFORMATION DURING STORM SEASON. ESTABLISH AN OUT-OF-STATE CONTACT AS A CENTRAL POINT OF COMMUNICATION FOR ALL

# **LIFE THREATENING SITUATIONS: CALL 911**

Name	Street Address	City, State		Home Phone		ell Phone	Туре
Humo	Officer Address	Oity, Otate	1	) -	(	-	ME
			1	) -	1		His Mother
				) -		_	His Father
			1	) -		_	Her Mother
			1	) -		_	Her Father
			1	) -	(	_	Husband
			+	) -	1	<u>-</u>	Wife
			+	) -	1	<u>-</u>	Son
			+	) -	1	<u>-</u>	Son
			+		( )	<u> </u>	Daughter
			+	) -	( )	<u> </u>	Daughter
			+	) -	( )	<u> </u>	Brother
			+	) -	( )		
			+	) -	1	-	Brother
			+	) -	( )	-	Brother
			+	) -	( )	-	Sister
			+	) -	(	-	Sister
			+	) -	(	-	Sister
			1	) -	( )	-	Friend
			1	) -		-	Friend
			(_	) -		-	Friend
			(	) -		-	Friend
			(	) -		-	Neighbor
			(	) -		-	Neighbor
			(	) -		-	Neighbor
			(	) -	( )	-	Neighbor
			(	) -	( )	-	Boss (his work)
			(	) -	( )	-	Boss (her work)
			(	) -	( )	-	Attorney
			(	) -	( )	-	Physician
			(	) -	( )	-	Dentist
			(	) -	( )	-	OBGYN
			(	) -	( )	-	Accountant
			(	) -	( )	-	Lawn Service
			(	) -	( )	-	Pest service
			(	) -	( )	-	Plumber
			(	) -	( )	-	Electrician
Jeff Ensminger	ThoughtEater		(	) -	(407)	448-7004	Computer Techie
			(	) -	( )	-	School/college
			(	) -	( )	-	School/college
			(	) -	( )	-	School/college
			(	) -	( )	-	Daycare
			(	) -	( )	-	Church
			(	) -		-	Hardware store
			(	) -	( )	-	Grocery Store
			(	) -	( )	-	Pharmacy
			<u> </u>	) -	( )	-	Bank
			<u> </u>	) -	( )	-	Veterinarian
			<u> </u>	) -	( )	-	Auto Insurance
			<u> </u>	) -	( )	-	Home Insurance
			<u> </u>	) -	( )	-	Health Insurance
			<u> </u>	) -	( )	-	Security Company
				,	, , ,		Dogo 10 -£26

# **LOCAL MEDIA STATIONS**

SOME OF THIS INFORMATION IS SPECIFIC TO DELTONA, FLORIDA. YOU MAY NEED TO REPLACE SOME OR ALL OF THIS INFORMATION WITH DATA SPECIFIC TO YOUR LOCATION.

Blank "Local Media Stations" forms can be downloaded from www.thoughteater.com/hurricane/caneforms.htm

Band
Network
Network
Station
Station
Guality\*

Ba	Netwo	Statio	Name	Local Phone	Toll-free	Cell Call	Post-s covera	Recep Qualit	Form	Area
	WFIT	89.5	News 13							Brevard
	WMFE	90.7	News 13 NPR							Central Florida
	WDBO	96.5	COX Radio	(407) 424-9696			Great	great	Classic rock	Orlando
	WMMO	98.9	COX Radio	407-423-WMMO (9666)			Fair	great	Soft rock	Orlando
0	CBS	100.3	Clear Ch BIG 100	407-916-5400 or 407-916-1003	866-916-5400 or 888-978- 1003	* 540 or Cingular #100		great	Spanish	Orlando
RADIO		101.1	Real Radio Clear Ch	407-916-5400 or 407-916-1011	866-916-5400 or 888-978- 1011	* 540 or Cingular #1011	great	great	New rock altrntv	Orlando
Σ	WJHM WOFL	101.9	FOX35	407-644-3535						Orlando
Ē	WLOQ	103.1	Smooth Jazz				poor	ok	jazz	Orlando
		104.	Clear Ch	407-916-5400	866-916-5400	* 540	good	good		Orlando
	XL	106.7	Clear Ch	407-916-5400	866-916-5400	* 540	great	great		Orlando
	WAOA WFTV ABC	107.1	Ch 9							Daytona
	WMGF WESH NBC	107.7	Ch 2 Clear Ch Magic	407-916-5400	866-916-5400	* 540	great	great		Orlando
	WFLA	540	Clear Ch	407-916-5400	866-916-5400	* 540	great	poor	News talk	Orlando
	WDBO	580	COX Radio	(407) 297-6397 news; (407)290- 0058 studio			Best	poor	News talk	Orlando
	WORL	660	News 13						Business talk	Orlando
	WQTM	740							Sports	
RADIO	WHOO WESH NBC	1080	Ch 2 Clear Ch Magic	407-916-5400	866-916-5400	* 540				
2	WNDB	1150						good	news	Daytona
A	WAMT WESH NBC	1190	Ch 2 Clear Ch Magic	407-916-5400	866-916-5400	* 540				Orlando
	WTIR	1300	News 13							Brevard
		1510						good		
	CITY	1610	Deltona							
-	ABC	1660								
	NBC WESH	02	2	407 645-2222						
	CBS WKMG	06	Local 6 6	407-521-1323			Best			
2	ABC WFTV	09	9							
	WB	18	18							
	WOFL FOX	35	FOX35	407-644-3535						

<sup>\*</sup>Based on 2004 post-storm coverage and reception from Deltona, Florida without cable TV service.

Local 6 News, WKMG-TV is the only television station in Central Florida to be honored with the Edward R. Murrow award for their 2004 coverage of Hurricanes Charley, Frances and Jeanne.

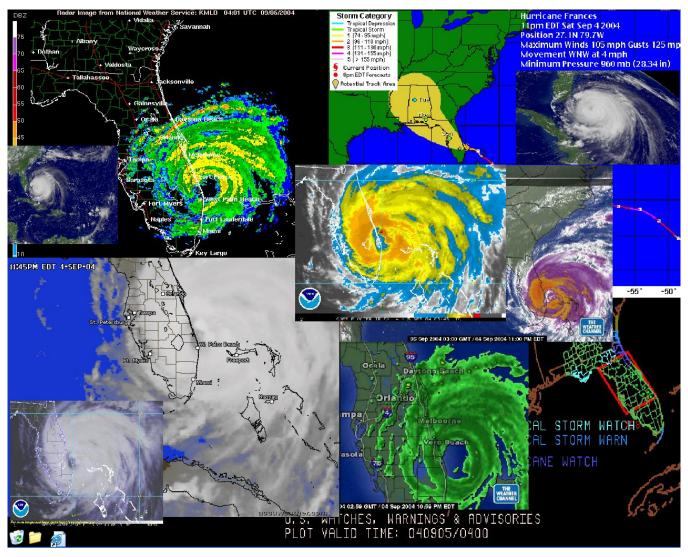
Discuss Deltona news, weather, politics and other subjects of interest at:



# APPENDIX C: MAPS WEATHER MAPS ON THE INTERNET

Add or bookmark these web addresses (hyperlinks) to your Internet "Favorites" list inside a folder titled "Weather"

MAP TYPE	PROVIDED BY	WEB ADDRESS
IVIALITE	FROVIDED BT	
NWS/SPC Watch, Warning, Advisory Display	Nat'l Oceanic & Atmospheric Admn (NOAA)	www.spc.noaa.gov/products/wwa/
Melbourne, FL radar	Nat'l Oceanic & Atmospheric Admn (NOAA)	www.srh.noaa.gov/radar/latest/DS.p19r0/si.kmlb.shtml
Various satellite imagery and loops	Nat'l Oceanic & Atmospheric Admn (NOAA)	www.nhc.noaa.gov/satellite.shtml
Various tracking and forecast maps	Nat'l Weather Service/ Nat'l Hurricane Cntr	www.nhc.noaa.gov/
Central Florida Doppler 600-mile rain radar	The Weather Channel	www.weather.com/weather/map/32738
Atlantic Ocean Satellite	The Weather Channel	www.weather.com/maps/news/atlstorm2/index_large_animated.html
Florida lightning tracker	Florida Media Communications	www.flamedia.com/lightning/ol_light.htm

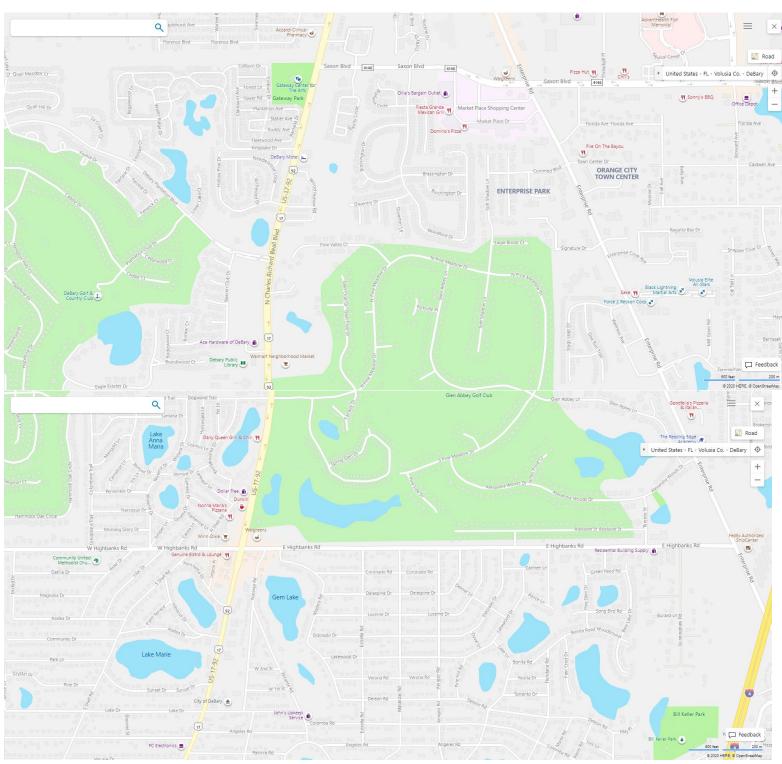




(407) 448-7004 THOUGHTEATER.COM

# **LOCAL CITY**

You should replace this page with maps of your own local city. These maps will be handy for marking blocked roads, evacuation routes, etc.



X = Blocked road

F = Flooded road

!!! = Electrical hazard

# **LOCAL NEIGHBORHOOD**

You should replace this page with maps of your own local neighborhood. These maps will be handy for marking blocked roads, evacuation routes, etc.



X = Blocked road F = Flooded road !!! = Electrical hazard

# **NEIGHBORS, FRIENDS, and FAMILY IN NEED OF ASSISTANCE:**

Name	Street Address	Concerns	Home Phone	Cell Phone	Needs
			( ) -	( ) -	



(407) 448-7004 THOUGHTEATER.COM

# **AREA SHELTERS**

SOME OF THIS INFORMATION IS SPECIFIC TO DELTONA, FLORIDA. YOU MAY NEED TO REPLACE SOME OR ALL OF THIS INFORMATION WITH INFORMATION SPECIFIC TO YOUR LOCATION! PRINT COPIES BEFORE THE STORM

If possible, when evacuating, bring and do all items marked in this manual with the ▲ symbol!

SOURCE: Volusia County, Florida

www.volusia.org/storm/shelter.htm

During an emergency, not all shelters will open at once. To find out which shelters are available, tune to the local news media or call the toll-free Citizen's Information Hotline at: (866) 345-0345 (Only during a disaster)

Telecommunications Device for the Deaf: (386) 248-1792

Sixty percent of Volusia County's public shelter capacity is in the Deltona area. The Deltona shelter information point (SIP) system helps evacuees easily access the sites. Evacuees using shelters in the Deltona area first should travel to the shelter information points (SIPs) at Deltona High School or Pine Ridge High School. At these sites, evacuees will receive detailed directions — in English or Spanish — to the nearest open shelter. Easy access to the SIPs is available from Maytown Road, S.R. 44, I-4 and C.R. 415. SIPs are marked clearly on the map. A few additional shelters in Osteen, Lake Helen, DeBary and DeLand are listed on map. To help you find your way in an emergency, practice driving two routes to the Deltona SIPs before a storm threatens.

#### Directions to shelters in adjacent counties

(321) 637-6670 Brevard County (352) 622-3205 Marion County (386) 437-8202 Flagler County (386) 329-0379 Putnam County (352) 343-9732 Lake County

(407) 665-5102 Seminole County

#### **Transportation:**

The Volusia County School Board and Votran will provide free rides to general public shelters. Pick up will be made at all regular Votran bus stops.

#### **Transportation to PSN shelters:**

PSNs needing transportation Saturday morning may make arrangements with Votran today. Contact numbers are: (386) 322-5100; (386) 943-7050, and (386) 424-6810. Votran will provide regular service Saturday until 8 p.m. No service will be provided Sunday. Monday service will depend on weather.

#### **East Volusia shelters**

- 1. Pine Trail Elementary 300 Airport Road Ormond Beach
- 2. Pathways Elementary 2100 Airport Road Ormond Beach
- 3. Hinson Middle 1860 N. Clyde Morris Blvd. Holly Hill
- 4. Palm Terrace Elementary (PSN/O) 1825 Dunn Ave Daytona Bch
- 5. Campbell Middle 625 South Keech Street Daytona Beach
- 6. Atlantic Hgh Schl (PSN/VH)\* 1250 Reed Canal Rd. Port Orange
- 7. Horizon Elementary 4751 Hidden Lakes Drive Port Orange
- 8. Sweetwater Elementary 5800 Victoria Gardens Blvd. Port Orange
- 9. Creekside Middle 6801 Airport Road Port Orange (PSN/G)

#### **West Volusia shelters**

- 10. DeLand High School 800 N. Hill Avenue DeLand
- 11. DeLand Middle 1400 Aquarius Ave. DeLand
- 12. Freedom Elementary (PSN/G)\* 1395 S. Blue Lake DeLand
- 13. Volusia Pines Elementary 500 E. Kicklighter Road Lake Helen
- 14. Friendship Elementary 2746 Fulford Street Deltona
- 15. Deltona High School (SIP) 100 Wolf Pack Run Deltona
- 16. Galaxy Middle (PSN/G)\* 2022 Adelia Blvd. Deltona
- 17. Timbercrest Elementary 2401 Eustace Avenue Deltona
- 18. Deltona Lakes Elementary 2022 Adelia Blvd. Deltona
- 19. Spirit Elementary Meadowlark Drive Deltona
- 20. Discovery Elementary 975 Abigail Drive Deltona
- 21. Forest Lake Elementary 1600 Doyle Road Deltona
- 22. Sunrise Elementary 3155 Phonetia Dr. Deltona
- 23. Heritage Elementary (PSN/O) 1001 Parnell Court Deltona
- 24. Pine Ridge High School (SIP) 925 Howland Blvd. Deltona
- DeBary Elementary 88 W. Highbanks Road DeBary
   Volusia County Fairgrounds (PPS) 3150 E. State Rd 44 DeLand

(PSN/O) Designated as a primary oxygen shelter

(PSN/VH) Sheltering for Visually and Hearing Impaired \*(and limited oxygen capability) (PSN/G) General sheltering only for PSN \*(and limited oxygen capability)

SIP: Shelter information point (central location to direct evacuees to shelters)

PPS: People and pet shelter

# Shelters for people with special needs (PSN) Specific PSN shelters for people who are:

Oxygen-dependent:

- Palm Terrace Elementary School, 1825 Dunn Ave., Daytona Beach.
- Heritage Middle School, 1001 Parnell Court, Deltona.

Visually and hearing impaired:

Atlantic High School, 1250 Reed Canal Road, Port Orange.

#### Other PSN shelters:

- Creekside Middle 6801 Airport Road Port Orange
- Freedom Elementary School, 1395 S. Blue Lake, DeLand.
- Galaxy Middle School, 2400 Eustace Ave., Deltona.

#### **Important PSN shelter information:**

- PSNs must bring all needed supplies.
- Hospitals are not shelters.
- Elderly, physically, mentally or sensory disabled citizens should use PSN shelters.
- People on ventilators must have caregivers to handle the machine and care for other special needs.
- Quadriplegics, isolation patients or people who need dedicated 24-hour nursing care or a hospital bed should NOT go to a PSN shelter.

#### Pet shelter:

Pets are not permitted in public shelters. However, people and their pets are welcome at the Volusia County Fairgrounds. People need to bring bedding and snack foods that do not require refrigeration. Cots are not provided. Pet owners also need to bring proof of pet vaccination and food and water for their pet. All animals must be in crates. Transportation to the shelter is provided at regular Votran bus stops as long as animals are crated.

