

GET READY FOR SUMMER STORMS

RALPH PHILLIPS

KE5HDF

MAY 2022

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HAVE A PLAN TO STAY SAFE

- storm info and planning guide from NWS

<https://www.harriscountyares.org/training/WEA/WEA-109.pdf>

- monitor hurricane info and location

<https://www.nhc.noaa.gov/?atlc>

- Make lists for before/during/after the storm

Preparing for Hurricane season, Flooding, & Power outages

Things to do prior to storm:

- 1) Text family & friends to prepare for storm – have a plan A, B, & C
- 2) Have a separate backup plan in case you have to leave your home
- 3) Clean out fridge & freezer – in case of power outage
- 4) Check your supplies of food, water, paper plates, trash bags & medical
- 5) Buy enough food, water, and supplies to last 14 days (H₂O = 2 gallons per person for 14 days)
- 6) Buy extra bread & milk to freeze
- 7) Get cash out of bank – small bills and quarters
- 8) Check Flash lights & radios (have extra batteries for them)
- 9) Fill gas tanks for all vehicles & gas containers
- 10) Put water & sports drinks in freezer & fridge
- 11) Pick up house, do all dishes, & do all laundry – in case of power outage or unable to use water
- 12) Wash ice chest
- 13) Check windows & doors for repairs
- 14) Board up windows – direct hit hurricane
- 15) Remove debris from around home & clear street drains
- 16) Fill tub with water for flushing toilets (last minute)
- 17) Charge cell phones, phone banks, & other devices – 100%
- 18) Update BOB – in case you have to leave your home all of a sudden (temporary)
- 19) Have a whistle with you – so evacuation team can hear you
- 20) Place a white sheet on door or windows if need to be evacuated
- 21) Before flood water rises turn off power, gas, & water to your home
- 22) Install a water gage in yard to keep track of footage

Preparing for Hurricane season, Flooding, & Power outages

Check list of items to have & do:

- Cash
- Water (2 Gallon per person per day) for 14 days
- Purification tablets
- Food (Every day food, non perishables, & comfort food)
- Gasoline (fill tanks & canisters prior to storm)
- Rx
- Flash lights, Head lights, Lanterns, Glow sticks, Candles
- Radio
- Batteries (all sizes)
- Matches / Lighter
- Paper plates, bowls, cups, utensils
- Paper Towels & disinfected wipes
- Toilet Paper & baby wipes
- Garbage bags (small, 13 gal, lawn)
- Zip lock bags (snack, sandwich, quart, & gallon)
- 1st Aid – up to date items
- Bleach & Lysol – cleaning & disinfecting
- Baby supplies
- Pet supplies
- Tools


IF YOU EXPECT TO EVACUATE LEAVE EARLY !!!

remember how jammed up the traffic was in the entire region for IKE ??

Houston area evacuation zone map

<https://www.h-gac.com/getmedia/0683e4b9-bbc1-41dc-a6ea-2eef47ba1452/2022-zip-zone-map-small>

MONITOR CONDITIONS

- these radio and TV stations are designated for emergency info in Houston:
 - Radio 740 AM and 88.7 FM.
 - TV Ch 11 and Ch 2
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MONITOR CONDITIONS

- monitor stream levels in your area to see a flood developing

<https://www.harriscountyfws.org/>

- watch road conditions


Houston

http://traffic.houstontranstar.org/layers/layers_ve.aspx

Texas

<http://static.drivetexas.org/#7/32.347/-99.509>

SOME EXTRA THINGS I KEEP IN MY HOME TO BE READY

- chlorine bleach or pool shock power (calcium hypochlorite) this is the same stuff they use in drinking water plants
 - deep cycle batteries
 - solar panels
 - Solar recharged flashlight
 - Solar/crank charge radio
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BE READY TO PURIFY WATER FOR DRINKING

4 WAYS TO PURIFY WATER <https://www.wikihow.com/Purify-Water>

BLEACH

Clean the water with a small amount of bleach. Bleach can be used to kill viruses and bacteria in water, but it's important to use only small amounts to avoid poisoning. Bleach must not be expired in order to work effectively. To purify water with this chemical:[2]

Fill a pitcher or jug with water

Add four drops (1/16 teaspoon) of bleach per quart (liter) of water

Shake or stir the mixture

Let the mixture sit for 30 minutes


BE READY TO PURIFY WATER FOR DRINKING

POOL SHOCK


1 teaspoon of pool shock per gallon of water to make stock chlorine solution. Then, to disinfect water use 3/4 ounce of pool shock solution to treat a gallon of water. This makes it easy to calculate how much to use for water disinfection, regardless of the size of your container.

<https://www.backdoorsurvival.com/how-to-use-pool-shock-to-purify-water/>

BE RADIO READY

- secure or lower antennas
 - spare wire for HF antennas (or ready made spares)
 - spare 2m j-pole mounted on 10ft section of 2x2 or 1.5inch PVC
 - string to hang antennas or guy a pole
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BE RADIO READY

- Charge batteries for HTs and desktop radios
 - know the nets you can reach
 - simplex
 - emergency
 - traffic
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SOME NETS I MONITOR DURING STORMS

NET	FREQ.MHZ	STONE	DATE/TIME
TRANSTAR	145.370	123.0	
TRANSTAR	147.000	103.5	
TRANSTAR	145.170	123.0	
ARES	146.76		

NET	FREQ MHZ	TONE	DATE/TIME
CENTRAL TEXAS TRAFFIC NET	7.285		M-SAT
HURRICANE WATCH NET	14.325 7.268		AS NEEDED
7290 TRAFFIC NET	7.290		MTWTh / 1600 TO 1800
MARITIME NET	14.300		M - FR
CENTRAL STATES TRAFFIC NET	7.253.5		M-SAT / 1230 TO 7330

FIND MORE AT:

- National Traffic System <http://www.arrl.org/nts>

- ARRL net search

<http://www.arrl.org/arrl-net-directory-search>

- Harris County ARES frequencies

https://www.harriscountyares.org/frequencies/freq_hca_unit_net_deployment.php