**What is a Hurricane?**

A hurricane is a large tropical weather system with winds of 74 mph or faster that rotate around the center of the storm. A hurricane forms over warm tropical oceans and is powered by evaporation and condensation of warm water. The clouds and thunderstorms move in a circle around the center of the storm called an eye. In other areas of the world, hurricanes are called cyclones or typhoons. Same type of storm, different names.

**Dangers that hurricanes bring** include storm surge, high winds, tornadoes and flooding from heavy rain.

---

**What is Storm Surge?**

Storm Surge kills more people than any other part of a hurricane. You can see how storm surge works if you fill a small plate with water then blow across it. What happens to the water on the other side of the plate? The water splashing over the edge is storm surge on a small scale. In a hurricane, this surge can push as much as 24 feet of water into areas of Pinellas County. People are ordered to evacuate from places that will get storm surge. Is your home in an evacuation area? If so, you may have to evacuate when a hurricane is coming.

---

**Find your evacuation zone:**

Call (727) 453-3150 and enter your home phone number, or visit www.pinellascounty.org/emergency/knowyourzone.htm and enter your home address.
Your Survival Kit

Having a survival kit can help you stay safer during and after a storm. Circle the important things that belong in your survival kit.

Who Should You Call?

It’s important that you have a list of phone numbers to call should a hurricane threaten. What phone numbers do you need? Write them down in the spaces provided:

Life-threatening emergencies: 9-1-1

Pinellas County Emergency Management: (727) 464-3800

My home phone number: ____________________________

Mom’s work number: ________________________________

Mom’s cell number: ________________________________

Dad’s work number: ________________________________

Dad’s cell number: ________________________________

Name and phone number of a neighbor or relative:

Name and phone number of an out-of-town contact:

Answers:

nonperishable food, water bottle, radio, flashlight, batteries, books, nonperishable food, water bottle.
If a hurricane hits Pinellas County, things may look very different. Familiar places like grocery stores, movie theaters and malls may be closed for a while until they can be repaired. You might also have to live somewhere else for a while if your home is damaged. What do you think you can do to help make this period easier on yourself and your family?

**Do You Have A Pet?**

Remember to include your pet in your hurricane plans. They are relying on you to keep them safe. What do you have to bring for your pet when a hurricane threatens?

- Food
- Water
- Leash
- Collar
- Carrier
- Medicine
- Toys
- Plastic bags
- ID tag
- Cat litter
- Blanket
- Photo
- Bowls

**After the Storm**

If a hurricane hits Pinellas County, things may look very different. Familiar places like grocery stores, movie theaters and malls may be closed for a while until they can be repaired. You might also have to live somewhere else for a while if your home is damaged. What do you think you can do to help make this period easier on yourself and your family?

Be sure to help your parents or other adults make a plan by using Pinellas County’s Emergency Management website at www.pinellascounty.org/emergency.
WHAT IS A HURRICANE?
WHAT IS STORM SURGE?

Some Great Websites:

Pinellas County Emergency Management
(727) 464-3800
www.pinellascounty.org/emergency

Florida Division of Emergency Management
www.floridadisaster.org

National Weather Service Office, Ruskin, FL
www.weather.gov/tampabay

National Hurricane Center
www.nhc.noaa.gov

Weather Wiz Kids
www.weatherwizkids.com

How Stuff Works: Hurricanes
www.howstuffworks.com/hurricane.htm

Produced by the Pinellas County Communications Department with the assistance of the National Weather Service Office, Ruskin, FL